

20000629.qrp v01\_n867.qrl.20000629

Date: Thu, 29 Jun 2000 19:03:11 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1867

QRP-L Digest 1867

Topics covered in this issue include:

- 1) [73786] FOX: Summer Swamp Rats Team  
by tom palmer <n1tp@worldnet.att.net>
- 2) [73787] Re: May be QRP related  
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- 3) [73788] Re: 14AVQ  
by Jim Lowman <jmlowman@ix.netcom.com>
- 4) [73789] Re: (OT) May be QRP related  
by Mike <mmorrow@companet.net>
- 5) [73790] Re: May be QRP related  
by Phil Wheeler <w7ox@earthlink.net>
- 6) [73791] Re: May be QRP related  
by Ray Colbert <af852@rgfn.epcc.edu>
- 7) [73792] Re: 14AVQ  
by Phil Wheeler <w7ox@earthlink.net>
- 8) [73793] Re: 14AVQ  
by Ray Colbert <af852@rgfn.epcc.edu>
- 9) [73794] Re: NORCAL 20...Info Wanted Please...  
by "JC Smith" <jc-smith@worldnet.att.net>
- 10) [73795] from a fellow Radio Man  
by "Greg Heath" <gheath1@nycap.rr.com>
- 11) [73796] Re: 14AVQ  
by "Dave Benham" <dodgeboy@mindspring.com>
- 12) [73797] Re: USB? LSB?  
by K2UD@aol.com
- 13) [73798] Re: 14AVQ  
by "Mark M." <markem@primenet.com>
- 14) [73799] QRP Rig Survey  
by "K3GM" <k3gm@home.com>
- 15) [73800] Re: 14AVQ  
by Phil Wheeler <w7ox@earthlink.net>
- 16) [73801] Re: QRP Rig Survey  
by "William K. Harding" <k4ahk@ix.netcom.com>
- 17) [73802] re:worst call  
by floyd cureton <kk7ez@yahoo.com>
- 18) [73803] G5RV SK  
by ARDUJENSKI@aol.com
- 19) [73804] Re: worst call

- by Phil Wheeler <w7ox@earthlink.net>
- 20) [73805] Ten-Tec 505  
by W1R0@aol.com
- 21) [73806] worst call....MINE!  
by wb5qyt@eFortress.com
- 22) [73807] Re: QRP Rig Survey  
by "Mike Yetsko" <myetsko@insydesw.com>
- 23) [73808] Neat cw call, QRP rig survey  
by wb5qyt@eFortress.com
- 24) [73809] FS:MFJ Noise Bridge Price Reduced  
by kg2jff@juno.com
- 25) [73810] "Norcal 20 Info OR Spring 99 Issue Of QRPP" .....Wanted....  
by "Andy GM0NWI" <Gm0nwi@tesco.net>
- 26) [73811] drake sw2  
by "Michael Herman" <kc9nf@hotmail.com>
- 27) [73812] Newbie Stuff-The Doug Hendricks 5-Step Plan with Megacycle Mods  
by "James R. Duffey" <jamesd1@flash.net>
- 28) [73813] Re: Newbie Stuff-The Doug Hendricks 5-Step Plan with Megacycle Mods  
by Paul Womble <pwomble1@tampabay.rr.com>
- 29) [73814] Re: QRP Rig Survey  
by Macstein@aol.com
- 30) [73815] Possible new thread? Fun Fone Phonetics  
by tom palmer <n1tp@worldnet.att.net>
- 31) [73816] Re: (OT) May be QRP related  
by "Carlos J. Caro" <cjcaro@nail.com>
- 32) [73817] a little off topic BUT...newest email worm  
by "Greg Heath" <gheath1@nycap.rr.com>
- 33) [73818] Re: Possible new thread? Fun Fone Phonetics  
by Michael Neverdosky <mneverdosky@earthlink.net>
- 34) [73819] Re: Lighthouses on the Air  
by wb2vuo@juno.com
- 35) [73820] Fun Fone Phonetics  
by tom palmer <n1tp@worldnet.att.net>
- 36) [73821] Re: Possible new thread? Fun Fone Phonetics  
by Russ Dow <n7dw@garlic.com>
- 37) [73822] Re: Possible new thread? Fun Fone Phonetics  
by Nv4t@aol.com
- 38) [73823] newbie thanks  
by N5ZWF@yahoo.com
- 39) [73824] COMPUTER to qrp qso  
by N10DL@aol.com
- 40) [73825] Re: Possible new thread? Fun Fone Phonetics  
by "John Moriarity" <k6qq@hdo.net>
- 41) [73826] Re: Rich Man's Hobby?  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 42) [73827] Re: Fun Fone Phonetics  
by "K7FD-N7SG" <cqdx@teleport.com>
- 43) [73828] Re: Fun Fone Phonetics

- by "Conard Murray" <cmurray@cookeville.total-web.net>
- 44) [73829] Re: Newbie stuff & OT posts  
by JClinton46@aol.com
- 45) [73830] Soldering Nickel-Metal-Hydride Batteries?  
by Niels Jensen Kristjansson <nkristja@cadvision.com>
- 46) [73831] Re: Soldering Nickel-Metal-Hydride Batteries?  
by Lee Bahr <w5drc@earthlink.net>
- 47) [73832] Re: Worst call / Fun Fone Phonetics  
by "Daniel" <hamop@pixi.com>
- 48) [73833] Update on FS/Give away  
by Mercxx@aol.com
- 49) [73834] TGM Minibeams?  
by Bill Lazure <n2tpa@juno.com>
- 50) [73835] Latin motto for QRP  
by n5ib@juno.com
- 51) [73836] Kids - Potential Hams (formerly Field Day at the Zuni Loop)  
by Rick Sealey <rsealey@InfoAve.Net>
- 52) [73837] QRPTTF  
by K10J <k10j@ditdit.com>
- 53) [73838] Re: Kids - Potential Hams /Marketing Amateur Radio  
by Wb8siw@aol.com
- 54) [73839] Re: Fun Fone Phonetics  
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 55) [73840] [Fwd: be mosquito]  
by wlfisher@bellatlantic.net
- 56) [73841] looking for.....  
by Mercxx@aol.com
- 57) [73842] Re: QRP Rig Survey  
by Curt Milton <wb8yyy@yahoo.com>
- 58) [73843] Re: Antennas: mutual influence  
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 59) [73844] re: rig survey  
by David Heintzleman <pstrdave@kdsi.net>
- 60) [73845] QRP Rig Survey and Phonetics  
by "Franco, Nicholas J" <franco@bnl.gov>
- 61) [73846] Re: (OT) May be QRP related  
by Ray Colbert <af852@rgfn.epcc.edu>
- 62) [73847] RE:latin mottos  
by Drbob92031@aol.com
- 63) [73848] hammarlund trade?  
by "jimmie newburry" <jnewburry@hotmail.com>
- 64) [73849] Keyer Setup  
by Stanley A McIntosh <mcintos@basf-corp.com>
- 65) [73850] Re: TGM Minibeams?  
by Ray Colbert <af852@rgfn.epcc.edu>
- 66) [73851] LDG ELECTRONICS  
by Charles K Brown <n4so@juno.com>
- 67) [73852] Re: rich man's hobby

by "Peter Pavlovich" <radioroom@hotmail.com>  
68) [73853] Re: tangle free antenna wire launching;  
by "E. Roswell" <eroswell@monmouth.com>  
69) [73854] Re: TGM Minibeams?  
by "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
70) [73855] Re: TGM Minibeams?  
by Bruce Muscolino <w6toy@erols.com>  
71) [73856] Re: TGM Minibeams?  
by "Ed Manuel (N5EM)" <n5em@flash.net>  
72) [73857] Summer Fox Hunt Team  
by Bruce Rattray <rattray@gpfn.sk.ca>  
73) [73858] Summer Fox Hunt Team (fwd)  
by Bruce Rattray <rattray@gpfn.sk.ca>  
74) [73859] F.S. Coax switches  
by Joseph Trombino Jr <joebarb@wilmington.net>  
75) [73860] FD Report - K7RE/M  
by Brian Kassel <bkassel@dancris.com>  
76) [73861] Re: Latin motto for QRP  
by "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
77) [73862] Net courtesy and OT  
by REDSBOY@aol.com  
78) [73863] PRESS RELEASE....Re: Kids - Potential Hams /Marketing Amateur Radio  
by "Paul R. Valko" <prvalko@oakland.edu>  
79) [73864] Re: QRP Rig Survey  
by Doug Bankston <dougbankston1@yahoo.com>  
80) [73865] Re: Vertical Dipole Question  
by Brian Kassel <bkassel@dancris.com>  
81) [73866] Re: rich man's hobby  
by "Ron Smith" <resmith666@uswest.net>  
82) [73867] Re: Ten-Tec 505  
by "Karl F. Larsen" <k5di@zianet.com>  
83) [73868] FD at Home  
by "Floyd Smithberg" <flydnq7x@primenet.com>  
84) [73869] Re: [PROP] Conditions during FD (78% QRP)  
by Charlie Panek <charlie\_panek@agilent.com>  
85) [73870] Thanks Astronomy  
by "Mugleston, Brad" <brad.mugleston@gwl.com>  
86) [73871] Re: FD Report - K7RE/M  
by "Mike Yetsko" <myetsko@insydesw.com>  
87) [73872] Re: LDG ELECTRONICS  
by "Karl F. Larsen" <k5di@zianet.com>  
88) [73873] Re: Keyer Setup  
by "Marshall Emm" <mgemm@mtechnologies.com>  
89) [73874] Re: [Fwd: be mosquito] Thanks  
by "Richard E. Robinson" <rerobins@email.uncc.edu>  
90) [73875] AGC control on FT-840  
by "Morrison, Rick" <rmorrison@trane.com>  
91) [73876] Re: (OT) May be QRP related

by Mike <mmorrow@companet.net>

92) [73877] Feeding an Attick Dipole with Balanced Line OK?  
by Quinn Farnes <quinn\_farnes@yahoo.com>

93) [73878] Re: Feeding an Attick Dipole with Balanced Line OK?  
by John Wagner <john@neknetwork.com>

94) [73879] Summer FOX hunt prizes  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>

95) [73880] OT: Re: May be QRP related  
by Monte Stark <ku7y@dri.edu>

96) [73881] FS: Triton IV model 540  
by "Jeff Poulin" <jpoulin@erols.com>

97) [73882] Re: Feeding an Attick Dipole with Balanced Line OK?  
by Mike Maiorana <mikemo@attglobal.net>

98) [73883] Re: QRP Rig Survey  
by Mike <mmorrow@companet.net>

99) [73884] Seeking AG5P  
by Ed Loranger <we6w@qsl.net>

100) [73885] Re: Fun Fone Phonetics  
by Mike <mmorrow@companet.net>

101) [73886] [CONTEST] QRP Calendar - July 2000  
by Ken Newman <N2CQ@citnet.com>

102) [73887] Re: Keyer Setup  
by Monte Stark <ku7y@dri.edu>

103) [73888] Re: QRP Rig Survey  
by Phil Wheeler <w7ox@earthlink.net>

104) [73889] Re: rich man's hobby  
by Bill Coleman AA4LR <aa4lr@radio.org>

105) [73890] antenna infr archives(plus more)  
by ARDUJENSKI@aol.com

106) [73891] Re: Net courtesy and OT  
by "Jess Gypin" <jessqrp@uswest.net>

107) [73892] Re: Kids - Potential Hams /Marketing Amateur Radio  
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>

108) [73893] Re: Keyer Setup  
by Phil Wheeler <w7ox@earthlink.net>

109) [73894] Re: QRP Rig Survey  
by "M0CQG" <m0cqg@dial.pipex.com>

110) [73895] [memberlist@p1k.arrl.org: ARLX010 Antenna Designer Louis Varney,  
G5RV, SK]  
by af852@rgfn.epcc.edu (William R Colbert)

111) [73896] Re: Keyer Setup  
by "John Moriarity" <k6qq@hdo.net>

112) [73897] Re: [Fwd: be mosquito] Thanks  
by AC5JH@aol.com

113) [73898] Re: rich man's hobby  
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>

114) [73899] Re: [Fwd: be mosquito] Thanks  
by Phil Wheeler <w7ox@earthlink.net>

- 115) [73900] Micromountaineer Thoughts  
by "Dennis Payton" <dpayton@fwi.com>
- 116) [73901] OT: qth.net email server down [elecraft]  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 117) [73902] Propagation Charts?  
by ARDUJENSKI@aol.com
- 118) [73903] OT: Louis Varney, G5RV SK  
by Shepherd@aol.com
- 119) [73904] Latin Motto QRP  
by NA1XX@aol.com
- 120) [73905] F.S. Coax switches  
by Joseph Trombino Jr <joebarb@wilmington.net>
- 121) [73906] Re: hammarlund trade?  
by Ray Colbert <af852@rgfn.epcc.edu>
- 122) [73907] Re: Net courtesy and OT  
by Norm Melick <henmel@worldnet.att.net>
- 123) [73908] Multi-band dipole/doublet  
by ARDUJENSKI@aol.com
- 124) [73909] Re: Net courtesy and OT  
by "Mike Yetsko" <myetsko@insydesw.com>
- 125) [73910] Re: Multi-band dipole/doublet  
by Curt Milton <wb8yyy@yahoo.com>
- 126) [73911] Re: Net courtesy and OT  
by Phil Wheeler <w7ox@earthlink.net>
- 127) [73912] Melick & Yetsko Filters  
by Bill Jones <kd7s@psnw.com>
- 128) [73913] Re: Multi-band dipole/doublet  
by Phil Wheeler <w7ox@earthlink.net>
- 129) [73914] Re: Multi-band dipole/doublet  
by Ray Colbert <af852@rgfn.epcc.edu>
- 130) [73915] PROLOG 2K? --- logging software question  
by "Charles Mabbott" <crmabbott@mediaone.net>
- 131) [73916] Re: Net courtesy and OT  
by "Mike Yetsko" <myetsko@insydesw.com>
- 132) [73917] NorCal's July Meeting  
by Jerry Parker <jparker@fix.net>

-----

Date: Wed, 28 Jun 2000 19:01:13 -0400  
From: tom palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [73786] FOX: Summer Swamp Rats Team  
Message-ID: <395A83B9.6BB23566@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello all Summer Foxhunters and Summer FOXes to be:

The Summer Swamp Rats will be:

N0EVZ - Doc  
NV4V - Pete  
AF4PS - Mac  
AJ4Y - Bruce  
N1TP - Tom.

Winter Swamp Rat, Fred, W2XN, must miss at least  
5 winter hunts so he has graciously stepped aside for this  
season's Summer Hunts only. This is to avoid automatically  
handicapping the Summer Swamp Rats even before  
the Summer Hunts begin.

By this note, the Swamp Rats wish to publically thank Fred.  
Thanks, Fred! We really appreciate your thoughtfulness.

We all hope and expect to have Fred re-join the Winter Swamp  
Rats for next season's Winter Foxhunts on 40 meters.

We also will be listening to hear Fred bag his fair share of  
Summer Pelts during those hunts when he will be hunting.

Sincerely and cordially,

Tom, N1TP  
Naples, FL  
QRP-L 1317

p.s.: Watch out "Terrors." We're gunning for you!  
p.p.s: The Summer Swamp Rats ain't afraid of them "Pesky Texans."

-----

Date: Wed, 28 Jun 2000 18:05:45 -0500  
From: "George T. Baker" <w5yr@att.net>  
To: BParkes@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73787] Re: May be QRP related  
Message-ID: <395A84C9.7E097105@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would guess that the B-25 in WWII carried an ART-13 HF transmitter made

by the Collins Radio Company. It used a single 813 final if I remember correctly and would have been capable of around 100-125 watts CW output.

Another possibility from earlier in the war would have been the BC-375 transmitter, but as I recall it was more widely used in the larger B17 and even the C47 aircraft.

For either one, the receiver was most likely the BC-348 or, again earlier, perhaps the BC-342.

He must have been quite an operator to hit 25 wpm with a straight key under combat conditions!

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

BParkes@aol.com wrote:

>

> His knowledge of CW was pretty much gone, after the war he never talked on a  
> radio again. But he could not remember the output of the aircraft radio. He  
> thought and thought but it wouldn't come back. It seemed to really concern  
> him and as I was admitting him to the ward I told him that I'd try and find  
> some info on the aircraft radios of that time. I figured if anyone who know,  
> this group would. He will be in the hospital for a few days so any info will  
> be passed on to him.

-----

Date: Wed, 28 Jun 2000 16:21:53 -0700

From: Jim Lowman <jmllowman@ix.netcom.com>

To: buydens@duke.usask.ca

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73788] Re: 14AVQ

Message-ID: <395A8891.3DC80291@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

"Brian.Buydens@usask.ca" wrote:

>

> I just obtained a Hy-Gain 14AVQ but I do not have a manual. Is it worth  
> getting one and if so where would I obtain one?

Try calling Hy-Gain, if no one here has a manual to copy. My wife did



this a few years ago for an antenna that she had bought for me in the late 60s, that had been out of production for many years. In a few days, I received an original manual from Hy-GAIN.

72 de Jim - AD6CW

-----  
Date: Wed, 28 Jun 2000 18:35:43 -0500  
From: Mike <mmorrow@companet.net>  
To: qrp-1@lehigh.edu  
Subject: [73789] Re: (OT) May be QRP related  
Message-ID: <395A8BCF.7C90@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

BParkes@aol.com wrote:

> Last night I was working with a gentleman who had served as a  
> gunner/radio op in a B 25 in the Pacific during WW2.  
  
> ... But he could not remember the output of the aircraft radio...  
> I told him that I'd try and find some info on the aircraft radios  
> of that time....

The equipment that the radio operator used can almost with certainty be guessed to be:

BC-375E HF liason transmitter, 200 kcs to 18000 kcs though use of  
about eight plug in tuning unit, IIRC. About 50 watts out.  
BC-348() HF liason receiver, 200 kcs to 500 kcs, 1500 kcs to 18000 kcs.

The pilot (but not the radio operator) would have used a command set, which in the USAAF was usually the SCR-274N using three small receivers to cover 190 - 550 kcs, 3 - 6 mcs, 6 - 9 mcs, and two transmitter units of various types that could have covered from about 3 to 9 mcs, depending on the units installed. The transmitters were about 20 watts out, IIRC.

It is also possible that the command set could have been a VHF-AM SCR-522, or an AN/ARC-3.

George, W5YR, has provided some of this info, but I'm not confident the the USAAF had widely adopted the AN/ART-13 (originally a Navy design) very much prior to the end of WWII. Also, the receiver BC-342, somewhat similar to the BC-348, was NOT an airborne radio. It was steel-framed and weighs at least twice as much as the BC-348, and usually was AC

powered. It was part of the famous SCR-299/399 Army ground communication set with the BC-610 transmitter.

I've marked the subject header OT, since these units were not really QRP.

These were wonderful radios, manned by people who certainly earned the title of "radio operator."

73,

Mike / KK5F

-----  
Date: Wed, 28 Jun 2000 16:41:49 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: w5yr@att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73790] Re: May be QRP related  
Message-ID: <395A8D3D.813B7D7A@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

George,

Thanks for the informative post. I was a generation later than the war, so in the fifties I was converting such eqmt for my ham use as a teenager; but it is interesting to read how/where it was used.

25 wpm with a handkey is imprssive; but I have seen folks doing 20 wpm, so it seems doable.

Phil

"George T. Baker" wrote:

>  
> I would guess that the B-25 in WWII carried an ART-13 HF transmitter made  
> by the Collins Radio Company. It used a single 813 final if I remember  
> correctly and would have been capable of around 100-125 watts CW output.  
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> 72/73, George  
> Fairview, TX 30 mi NE Dallas in Collin county  
> Amateur Radio W5YR, in the 54th year and it just keeps getting better!  
> R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556  
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> BParkes@aol.com wrote:  
> >  
>  
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> > radio again. But he could not remember the output of the aircraft radio. He  
> > thought and thought but it wouldn't come back. It seemed to really concern  
> > him and as I was admitting him to the ward I told him that I'd try and find  
> > some info on the aircraft radios of that time. I figured if anyone who know,  
> > this group would. He will be in the hospital for a few days so any info will  
> > be passed on to him.

-----  
Date: Wed, 28 Jun 2000 17:44:42 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: BParkes@aol.com  
Subject: [73791] Re: May be QRP related  
Message-ID: <395A8DEA.70B9CFF4@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am sure you will probably get a few responses (I hope so) but I will try to answer a little of your query for the ole gent. As I remember, seeing a B-25 mockup at the Smithsonian a couple of years ago, they had the ARC-5 set up, individual transmitters and receivers covering ranges from 1.7 thru 9 Mhz. Probably most used would be the 5.7 - 7.0, 7.0-9 depending on what the distance from base was. The transmitters ran a pair of 1625 tubes (12v 807) and could run up to 150 watts input for the pair. Probably rated at 70-80 watts output, depending on altitude. On other aircraft, they had the ART-13 Collins autotune transmitter with a single 813 final, pair of 811's as modulator, rated at 100 watts output, depending on altitude. The receiver used was probably the BC348, but on some aircraft they had a different combo. Another transmitter used was the BC375E which used a pair of 211's in the final for 100 watts output. A good reference is the Fair Radio surplus equipment catalog - <http://www.fairradio.com>, and if you want to look at some of the listings of stuff try

<http://www.telalink.net/~badger/millist/m1.html#a0003>  
which is many pages of military stuff - you might do better  
with the Fair catalog.

Hope this helps and 73

Ray

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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-----  
-----  
Date: Wed, 28 Jun 2000 16:46:52 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: jmlowman@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73792] Re: 14AVQ  
Message-ID: <395A8E6C.A3B5AD8@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim Lowman wrote:

>  
> "Brian.Buydens@usask.ca" wrote:  
> >  
> > I just obtained a Hy-Gain 14AVQ but I do not have a manual. Is it worth  
> > getting one and if so where would I obtain one?  
>  
> Try calling Hy-Gain, if no one here has a manual to copy.

Where have you been, Jim? Hy-Gain was acquired by MFJ a couple of years  
ago. In essence, there appears not to be a Hy-Gain anymore.  
MFJ/Hy-Gain has a new line of antennas, with none of the earlier ones  
still sold, so far as I can determine.

Phil

-----  
Date: Wed, 28 Jun 2000 17:49:02 -0600

From: Ray Colbert <af852@rgfn.epcc.edu>  
To: Brian.Buydens@usask.ca  
Subject: [73793] Re: 14AVQ  
Message-ID: <395A8EEE.C2C451FD@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Brian, go to: <http://bama.sbc.edu/hy-gain.htm>  
and the 14avq is a good antenna - does not cover the  
WARC bands but works well 40-10.

--

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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Request a CDROM 1-800-333-3633  
-----

-----  
Date: Wed, 28 Jun 2000 23:49:53 -0700  
From: "JC Smith" <jc-smith@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73794] Re: NORCAL 20...Info Wanted Please...  
Message-ID: <00d901bfe196\$3ee062e0\$ea46480c@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Andy,

You can also find a lot of info on the NorCal 20, including a schematic, in  
the Spring 99 issue of QRPP. I don't think it is on the web yet though, so  
you may have to find someone who will lend you a copy.

72 - JC, k0hps@amsat.org

----- Original Message -----

From: Paul Maciel <pmaciel@inow.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Wednesday, June 28, 2000 1:10 PM  
Subject: Re: NORCAL 20...Info Wanted Please...

> Hi Andy,  
>  
> For info on the NorCal 20 both the club version and the Red Hot Radio  
> version visit <http://www.redhotradio.com>. Red Hot is closed down for the  
> summer so you will have to post any questions to the list.  
>  
> There was at least one review done by the Adventure Radio Society, check  
> <http://www.natworld.com/ars>.  
>  
> 72,  
> ---Paul AK1P San Jose,CA  
>  
>  
> Andy GM0NWI wrote:  
> >  
> > Guy`s....  
> >  
> > I`m NOT a member of the ARRL ..... But while "surfin" last night I  
> > decided to go and have a look at their fine web page...  
> >  
> > FULL of information for the "qrp`er" it is, a testament to the many fine  
> > people they have there sharing their knowledge with the world..... I as  
> a  
> > "newbie" SORTA...! found it a most fascintating read..  
> >  
> > I also managed to download a (.PDF) file..... pics, text, circuit, block  
> > diagram, part`s list.... of the outstandingly fine transceiver, the  
> "Norcal  
> > Sierra"....  
> >  
> > I was wonderin` tho`..... incase I have`nt navigated the site  
properly,  
> > .....CAN anyone tell me where to get the same sort  
> > of file of information, about the "Norcal 20"..... ? I`ve tried the  
Norcal  
> > site, and they DON`T have anything like what I am looking for on their  
site,  
> > infact some of their "links" seem to be not working properley..... or  
at  
> > least from this QTH anyway...  
> >  
> > Perhap`s..... there was a review of sort`s that appeared in QST, CQ,QQ  
> > ...whatever.... but if anyone can help me obtain the  
> > type of file that I require, I`d be most pleased....

> >  
> > Would one day hope to either own, or "construct" either or both of these  
> > transceiver's..... Until then I'll need to content myself  
> > with just looking at the pictures...!  
> >  
> > \*\*\* AS A FINAL thing, are we as "qrp'ers", "constructor's" etc.....  
> > actually allowed to "copy" these transceiver's given that we may have  
our  
> > own componants, the same that are used in these rig's..... It might be  
> > "copyright" I'm not sure... the reason for askin' is that I don't have  
> > capital at the moment to purchase a new kit of sort's... so perhaps the  
> > "homebrewin'" from scratch, for me is the way to go....?\*\*\*  
> >  
> > 72s de Andy gm0nwi@tesco.net  
> > A.R.S. GM0NWI  
> > "Long Live QRP..." "The Weakest Station In The Nation.."  
> >  
> > GQRP No.9576 "It is vain to do with more..."  
> > QRP-L No.2165 what can be done with less.."  
> > ICQ No.31899603

-----  
Date: Wed, 28 Jun 2000 19:53:57 -0400  
From: "Greg Heath" <gheath1@nycap.rr.com>  
To: "WZ2X/SEC-SMARA" <elect@wizvax.net>, <Wq5x1999@cs.com>, "Will Einemann"  
<buh22@hotmail.com>, "Wayne Tangey" <vk6ft@inf.net.au>,  
"WAYNE PENNEY" <WDJC@AOL.COM>, "WARREN L. SMITH" <wls2@email.msn.com>,  
"Walter j Belsito" <k1rts@juno.com>, <WA6GER@AOL.COM>, <w6toy@erols.com>,  
Subject: [73795] from a fellow Radio Man  
Message-ID: <001401bfe15c\$25931420\$62441d18@nycap.rr.com>

My computer has been infected with a virus here in NY. It is called the  
"Bloodhound" Virus which then puts different files on your computer, that in  
turn emails those files to up to 100 addresses in your email address book. I  
am not sure which 100 I am not sure who sent it to me, but I installed the  
fix for the file on my computer and it deleted the virus. This is not a  
joke.. This is not a stupid chain letter or anything else. Your email  
address was in the top of my address book and I want to make sure know where  
you can go to find a fix for it IF your system was messed up. Go to the  
Norton System Website at [www.symantec.com/avcenter/index.html](http://www.symantec.com/avcenter/index.html)  
and type in the search field.... Bloodhound, and up will come many  
different viruses pick the "VBS.Stages.A worm" and read about it and then  
decide what you can do. I have already deleted it off my machine before  
writing you.. There is a program that you download to your "Desktop" called  
fixlife.exe. Read and do it.. If the file does not find a problem, then you  
can delete it. I have spent the last 5 hours trying to figure it out..I

thought I would save you the time...good luck.

This is not a joke..As I am trying to save your computer..

Sincerely,

Greg Heath KB2QQM  
gheath1@nycap.rr.com

or kb2qqm01@hotmail.com after July 1st.

-----  
Date: Wed, 28 Jun 2000 20:00:13 -0400  
From: "Dave Benham" <dodgeboy@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [73796] Re: 14AVQ  
Message-ID: <018001bfe15d\$00e3cb00\$2ad179a5@hqa.chrysler.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hy-Gain has a website: <http://www.hy-gain.com/hy-gain/index.htm>

Yes, they were bought by MFJ, but they seem to still be independent, at least on the web. Check their address though -- Starkville.

-----  
Date: Wed, 28 Jun 2000 20:00:36 EDT  
From: K2UD@aol.com  
To: K4YBB@aol.com  
Cc: qrp-1@lehigh.edu  
Subject: [73797] Re: USB? LSB?  
Message-ID: <bf.4990cb7.268beba4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Could have been classic rig design. That is, using about a 9MHz VFO, mixing with various xtal oscillators to come out to the band in use. Mixing down would result in LSB, mixing up would result in USB. With 5 band rigs the



norm at the time, this would seem viable.

72

Howard Kraus, K2UD

-----  
Date: Wed, 28 Jun 2000 17:15:24 -0700  
From: "Mark M." <markem@primenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73798] Re: 14AVQ  
Message-ID: <3.0.6.32.20000628171524.007c1ac0@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 20:00 06/28/2000 -0400, Dave Benham wrote:

>Hy-Gain has a website: <http://www.hy-gain.com/hy-gain/index.htm>

>

>Yes, they were bought by MFJ, but they seem to still be independent, at  
>least on the web. Check their address though -- Starkville.

>

Interesting. I didn't know they still made the 14AVQ. I bought mine in 1970 (it cost \$29.95, IIRC) when I got my Novice ticket (WN70DJ) for the second time (first was in 1961...WN9CJE). I used it from my Reno, NV QTH along with my Heath HW-16 to make several hundred QSOs. It worked great on 15M. I used it until a few years ago when it was replaced by a Cushcraft R-7. It's kind of beat up but I still use it now and then when portable. I think I've gotten my money's worth out of it.

73... Mark AA7TA

-----  
Date: Wed, 28 Jun 2000 20:33:08 -0400  
From: "K3GM" <k3gm@home.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73799] QRP Rig Survey  
Message-ID: <00bf01bfe161\$99455b80\$246e0c18@adubn1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>> Here's a question that might prove illuminating..  
>  
> Of all the rigs you have in the shack, (and many of you have  
> plenty!), kit, commercial or homebrew, which one do you use the  
> most ,which one the least, and why?  
>

Hi Steve,

I'll go with my 515 Argonaut. It's the radio equivalent of a Mazda Miata;  
pure, simple, top-down driving fun! Followed up by the 556 Argo. The rig I  
use the least also takes up most of the space in the shack, and that's my  
Yaesu FT-902. Good topic, and curious to see what others have to say.

7 3, Tom K3GM

24 hours in a day, 24 beers in a case. Coincidence?  
--Stephen Wright

-----  
Date: Wed, 28 Jun 2000 17:35:29 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73800] Re: 14AVQ  
Message-ID: <395A99D1.A4FD4400@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray Colbert wrote:

>  
> Brian, go to: <http://bama.sbc.edu/hy-gain.htm>  
> and the 14avq is a good antenna - does not cover the  
> WARC bands but works well 40-10.  
>

Neat site, Ray. Bookmarked it for future reference. Thanks!

Phil

-----

Date: Wed, 28 Jun 2000 20:49:44 -0400  
From: "William K. Harding" <k4ahk@ix.netcom.com>  
To: kd1jv@moose.ncia.net, Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [73801] Re: QRP Rig Survey  
Message-ID: <200006290048.UAA09549@tisch.mail.mindspring.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Icom 735 except on 20 meters which is shared about 50/50 with an Emtech NW-20.

Bill - K4AHK  
Burke, VA

-----  
>From: "Steven Weber" <kd1jv@moose.ncia.net>  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: QRP Rig Survey  
>Date: Wed, Jun 28, 2000, 7:55 AM  
>

>Here's a question that might prove illuminating..  
>  
>Of all the rigs you have in the shack, (and many of you have  
>pleanty!), kit, commercial or homebrew, which one do you use the  
>most ,which one the least, and why?  
>  
>My most used rig is homebrew, because it's the best radio I've ever  
>built :-) If you hear me on the air, this is most likey the rig I'm  
>using.  
>  
>My least used radio is the T-T Scout, in fact, I can't remember the  
>last time it was used! (mostly I don't like the feel of the PT0, it  
>drifts too much and has a lot of background hiss)  
>  
>72,  
>Steve, KD1JV in the white Mountains of New Hampshire  
>"melt solder"

-----  
Date: Wed, 28 Jun 2000 17:48:44 -0700 (PDT)  
From: floyd cureton <kk7ez@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [73802] re:worst call  
Message-ID: <20000629004844.12336.qmail@web1705.mail.yahoo.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

How about this one: Back in the early 90's, I had a  
qso with "n1hiv."

-----  
Do You Yahoo!?

Get Yahoo! Mail - Free email you can access from anywhere!

<http://mail.yahoo.com/>

-----  
Date: Wed, 28 Jun 2000 20:55:25 EDT

From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu

Subject: [73803] G5RV SK

Message-ID: <de.6fa81c2.268bf87d@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

This was on the antenna reflector---alan KB7MBI

=====

Subject: G5RV SK

From: "Ian White, G3SEK" <A HREF="mailto:G3SEK@ifwtech.com">G3SEK@ifwtech.com</A>

Date: 6/28/00 1:04 PM Pacific Daylight Time

Message-id: <wkYviDAGp1W5EwY2@ifwtech.demon.co.uk>

Sad news: Louis Varney, G5RV, died today.

73 from Ian G3SEK

Editor, 'The VHF/UHF DX Book'

'In Practice' columnist for RadCom (RSGB)

<A HREF="http://www.ifwtech.com/g3sek">http://www.i

fwtech.com/g3sek</A>

-----  
Date: Wed, 28 Jun 2000 18:07:46 -0700

From: Phil Wheeler <w7ox@earthlink.net>

To: kk7ez@yahoo.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73804] Re: worst call

Message-ID: <395AA162.AEF716CB@earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

floyd cureton wrote:

>

> How about this one: Back in the early 90's, I had a

> qso with "n1hiv."

>

The Suffix has a nice CW swing, though.

Phil

-----

Date: Wed, 28 Jun 2000 21:11:33 EDT

From: W1R0@aol.com

To: qrp-1@lehigh.edu

Subject: [73805] Ten-Tec 505

Message-ID: <69.6ef17c8.268bfc45@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Anybody have the experience of repairing an Argonaut 505 after someone hooked the power leads up reversed? How big a repair job might this be?

Yes, I need to try to fix it!!

Jim

W1R0/7

-----

Date: Tue, 27 Jun 2000 12:23:17 -0600

From: wb5qyt@eFortress.com

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73806] worst call....MINE!

Message-ID: <3958F115.12A7@eFortress.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

One of the worst cw calls is mine, with the exception of maybe the last letter..."T".

BUT, on SSB it has great phonetics...

Whiskey, Before, Five, Quenches Your Thirst!

Now, where is my "bug?" 72, Tom WB5QYT.." Have spud will travel!"

-----  
Date: Wed, 28 Jun 2000 21:24:03 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73807] Re: QRP Rig Survey  
Message-ID: <005d01bfe168\$ba4b2b00\$0400a8c0@dadshp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gee....

You know, with ONE exception, every post I've read where  
someone OWNS a K2, they now say it's their primary HF  
rig....

Think something's up?

Mike  
K2# 1058

-----  
Date: Tue, 27 Jun 2000 12:39:57 -0600  
From: wb5qyt@eFortress.com  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73808] Neat cw call, QRP rig survey  
Message-ID: <3958F4FD.5DE6@eFortress.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

When I used to a net control in the NTS years ago a fellow used to check  
in with the call of K5KPS....I always loved to hear the swing of it when  
he was on his bug.

As far as rigs go, I really like them all and it is a hard choice!

Guess overall, the DSW series is a hard rig to beat for the buck. Too bad they are no longer available. I really like my NC-20. It is a great contest rig and will use it anytime over any of my commercial rigs. The SST series are probably the best pick for backpacking. I really like the sound of that receiver!

If it wasn't for an occasional SSB qso, I would sell all of my non kit type rigs. Sometimes I like to use the FT-7 out in the field for contests, as I get all the bands in one rig. What I really want is a K2...One of these days!

72, Tom WB5QYT..."Have spud will travel!"

-----  
Date: Wed, 28 Jun 2000 21:30:56 -0400  
From: kg2jf@juno.com  
To: qrp-l@lehigh.edu  
Subject: [73809] FS:MFJ Noise Bridge Price Reduced  
Message-ID: <20000628.213056.-154701.0.kg2jf@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

On last post for this...MFJ 202 Noise Bridge, very good condition \$18 shipped.  
Sorry no manual.

Thanks for the bandwith.....Jerry kg2jf

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 29 Jun 2000 02:35:52 +0100  
From: "Andy GMONWI" <GmOnwi@tesco.net>  
To: "American QRP List" <qrp-l@lehigh.edu>  
Subject: [73810] "Norcal 20 Info OR Spring 99 Issue Of QRPP" .....Wanted....  
Message-ID: <001901bfe16a\$93b29300\$c515ac3e@q1n3l2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All....

Most probably you have all seen my recent "postin`s" for help with obtaining the schematic, part`s list, pics, drawing`s etc of the "Norcal 20"

I am interested in hopefully owning one of these rig`s in the near future.... Unfortunatley due to the present financial situation, I am unable to even think about buying a complete kit of this rig, for the forseable future.... unless it turn`s out to be a kindly donated "gift"

So I have been informed from a gentlemen here on the list that there was seemingly an article covering the "Norcal 20" in the Spring 99` Issue of QRPP.....

I wonder if anyone may have a copy that I could possibly borrow, or if someone would be kind enough to copy the book for me and let me know how much it was then I`ll return there cost`s....

Hope that this doe`snt spoil the bandwidth....

Spring 99 issue of QRPP

72s de Andy

gm0nwi@tesco.net

A.R.S. GM0NWI

"Long Live QRP...!"

"The Weakest Station In The Nation.."

GQRP No.9576

"It is vain to do with more..."

QRP-L No.2165

what can be done with less.."

ICQ No.31899603

-----  
Date: Wed, 28 Jun 2000 18:41:36 PDT

From: "Michael Herman" <kc9nf@hotmail.com>

To: qrp-l@Lehigh.EDU

Subject: [73811] drake sw2

Message-ID: <20000629014136.89185.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

did the drake sw2 posted awhile back sell???

Mike n9nf



-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

-----  
Date: Wed, 28 Jun 2000 19:45:51 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <N5ZWF@yahoo.com>, qrp-l <qrp-l@lehigh.edu>  
Subject: [73812] Newbie Stuff-The Doug Hendricks 5-Step Plan with Megacycle Mods  
Message-ID: <B580066E.162C%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Jonathan - I am glad to hear that you are interested in getting on HF. I am sure that you will enjoy it. I am also glad that you want to build a station as that will increase your operating satisfaction immensely. It is hard to describe the pleasure that you will receive upon the first contact you make with gear you have built yourself.

A year ago Doug Hendricks published on this list suggestions for kits to build for the first time builder going from the simple to the complex. The original post is on the (North?) Florida QRP groups web page and is worth reading. The QRP Kit world has changed a bit since he posted that, so I have modified it a bit.

0. You will need a soldering iron (25 Watt, fine point), solder(get 60/40), diagonal cutters, long/needle nose pliers, a small screwdriver, and a multimeter that reads voltage, current and resistance. Radio Shack has all these at reasonable prices and acceptable quality. Other vendors have similar items.

1. The first kit you should get is the VE3DNL marker generator kit. This is a very useful tool to do all kinds of trouble shooting. You can use it to get your first kit up and running. These are sold by the Ft.Smith QRP group. Contact Jay, W5JAY to obtain this kit.

Jay Bromley W5JAY  
9505 Bryn Mawr Circle  
Fort Smith, AR 72908-9276

It is \$10 plus \$2 for shipping. Tell Jay I sent you. You can put this kit together in a couple of hours. It is simple to trouble shoot. At the Iowa QRP forum 10 of us built these and all ten worked, 8 the first time, and 2 after some screwups were fixed. Mine had a bad solder contact and the other had a couple of componenets installed backwards. They are virtually bullet proof.

2. The second kit is a Keyer kit. Doug suggested the TICK-4 from Embedded Research, but since then the Ft. Smith QRP group came out with a paddle/TICK keyer kit for \$10 plus \$2 shipping. Jay sells these as well. The paddle is PC Board material but has good feel. The kit requires some mechanical dexterity. It will go together in an evening or two. If you get the TICK kit, you will need to build or buy a set of paddles. Information on the TICK keyer from Embedded Research is at:

<http://www.frontiernet.net/~embres/>

There are plans for simple paddles made from PC board material on the NORCAL page:

<http://www.fix.net/~jparker/norcal.html>

3. The third kit Doug suggested is the EmTech ZM-2 antenna tuner. It is available for \$50 from EmTech:

<http://emtech.steadynet.com/>

It will tune all bands from 80 M to 10 M and handle a power of up to 15 watts. You can use it with other rigs in the future. It can be built in an evening or 2 and is straight forward to put together. Some mechanical assembly is required and it introduces you to torroid winding. Use the toilet paper method. Since Doug first posted these tips last summer, Norcal has come out with a tuner kit as well, the BLT. It is a Z-Match and tunes reliably from 40 M to 20 M, and handles 10 W. It is only \$25 from NorCal:

<http://www.fix.net/~jparker/norcal.html>

4. You are now ready for the rig. The SW+ series from Small Wonders Laboratories is a good place to start:

<http://www.smallwonderlabs.com/>

This is a single band rig and available in any band for 80 M to 20 M. It was the subject of an Elmer project on QRP-L a couple of years ago. Those posts were assembled in a magazine by NorCal and subsequently reprinted by Quicksilver Press in Socorro NM. The reprint is \$10. Many of the original Elmer Notes are on the web at:

<http://engphys.mcmaster.ca/~elmer101>

Glen, VE3DNL, does a wonderful job of explainig the rig.

The rig is \$55 with the enclosure and controls for \$35 extra. Shipping is \$5. If you build this rig, read and study the Elmer material you will learn

a lot of electronics and building skills. At 2.5 W out it is not a power house, but has plenty of power to make many QSOs without strain. If I recall correctly, the beginners who put this rig together for the Elmer project spent about 10 to 15 hours on it. Dave provides good support for his rigs and I would guess 300 or 400 people on this list have built the rig so there is plenty of help available here.

Since Doug first posted this list MFJ has come out with the CUB. This is a single band rig available in bands from 80 M to 15 M. The PCB is already mostly assembled so assembly consists of installing/wiring the controls and putting it in a case. These have a reputation for drift, but they settle down after 15 to 30 min. They cost about \$90, but ARCI has had group buys in the past and may in the future. You won't learn as much assembling this rig as the SW+, but it is easier and goes together quicker.

What band to pick?? That is a matter of some controversy, but I suggest 30M. This has been hashed over many times here before so I won't go into it again, but I am sure someone will respond to this by suggesting 40 M and another 20 M instead.

5. An antenna. I suggest an inverted Vee, resonant and fed with good quality 8X coax. This is good for one band only, but will give good performance with a minimum of fuss. Install it as high as you can. An alternate is a 44 ft dipole fed with balanced feeders, also installed as high as possible. Either of these antennas will run you \$25 to \$30. Either a ladder grabber or coax grabber from Entech make good center insulators. If you are moving into an apartment you have a whole other set of problems, which is the subject of a whole other post.

You will need a set of headphones, a log book, and some QSL cards at this point.

This whole set of kits will set you back about \$200 and the accessories can be used on other rigs in the future. A beginner can go through the set of kits with good chances of success. You will learn lots of electronics in process.

Doug has been having a good time going around the country preaching his complete ham station for \$100. It includes the SMK-1 rig, a BLT tuner, the Ft Smith Keyer, and a Norcal Doublet. This is a viable rig, but I think the SW+ rig is in a whole other class, will out perform the SMK-1, and be easier to use. Doug has had a ball giving these \$100 stations away to several young kids who promise to put them together and make a contact with them. I don't know whose grin is bigger, Doug's or the recipient's.

I should probably point out that Ft. Smith and NorCal use some of the funds generated by the sale of these kits to fund QRP forums. Both Ft. Smith and NorCal have paid my way to these forums, so I guess I do have some interest

in promoting their kits. I would do so even if I did not benefit. I have no pecuniary connection with SWL, EmTech, or QuickSilver.

Let us know what you finally do. Keep us posted on your progress. Lots of us want to know how it turns out. - Dr. Megacycle KK6MC/5

--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Wed, 28 Jun 2000 21:53:39 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: jamesd1@flash.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73813] Re: Newbie Stuff-The Doug Hendricks 5-Step Plan with Megacycle Mods  
Message-ID: <395AAC23.2A863A9E@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The eight part series from Doug KI6DS is located on the West Florida QRP Club web page:

<http://www.qsl.net/westfla>

73  
Paul AJ4Y

-----  
Date: Wed, 28 Jun 2000 22:06:12 EDT  
From: Macstein@aol.com  
To: qrp-l@lehigh.edu  
Subject: [73814] Re: QRP Rig Survey  
Message-ID: <64.422a7da.268c0914@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Gang!

My inventory descending use:

K2 #643 - I use 90 percent of the time now.  
SW40+ - my old Elmer 101 and Fox huntin' rig  
NorCal 20, Club version  
NorCal40a, Wilderness version - my first kit, my first rig  
2n2/40 Manhattan Rig  
.38 Specials (2)  
Fireballs, Pixies, SMK-1  
Manhattan TT2/MRX

and a Flying Multi-band-Pig-Rig in the works which will be used a lot.

Fun thread. Thanks.

-MAC-  
AF4PS  
Odessa, FL

-----  
Date: Wed, 28 Jun 2000 22:33:50 -0400  
From: tom palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [73815] Possible new thread? Fun Fone Phonetics  
Message-ID: <395AB58E.EFA03F4C@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello, gang:

When I was (for many years) active on the Geratol Net,  
I heard some really "fun fone phonetics," such as:

\*\*WKQ = "\*\* whiskey kills quickly."  
N1ND - "Number One Notre Dame."  
\*\*SH = "\*\* stop hollering."

I was not all that pleased when someone  
dubbed N1TP as "Number One Toilet Paper."

I'd be intererested in reading about your favorite  
all time "fun fone phonetics."

Tom, N1TP  
Naples, Florida  
QRP-L 1317

-----  
Date: Wed, 28 Jun 2000 02:49:37 -0600  
From: "Carlos J. Caro" <cjcaro@nail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73816] Re: (OT) May be QRP related  
Message-ID: <012c01bfe0dd\$caad1c00\$5ed396d8@default>

> BC-348() HF liason receiver, 200 kcs to 500 kcs, 1500 kcs to 18000 kcs.  
>  
> very much prior to the end of WWII. Also, the receiver BC-342, somewhat  
> similar to the BC-348, was NOT an airborne radio. It was steel-framed  
> and weighs at least twice as much as the BC-348, and usually was AC  
> powered. It was part of the famous SCR-299/399 Army ground  
> communication set with the BC-610 transmitter.

The aircraft and SCR-299 also had the BC-312, DC version of the BC-348.

-----  
Date: Wed, 28 Jun 2000 22:51:58 -0400  
From: "Greg Heath" <gheath1@nycap.rr.com>  
To: "QRP-L \ (SENDING ? TO QRP-L\)" <qrp-l@Lehigh.edu>  
Subject: [73817] a little off topic BUT...newest email worm  
Message-ID: <00ae01bfe174\$fe6ee680\$62441d18@nycap.rr.com>

I have Norton Anti-Virus installed on my computer running with TimeWarner Roadrunner Service here in NY. Somehow a Virus attached itself to my email (Outlook Express) and IE5.1 and its called the "Bloodhound" Virus, also known as "VBS.Stages.A worm". I scanned my system this morning and the file was only infecting 1 file, when I turned my system off, and then back on, it had multiplied itself and infected additional files. The virus attaches itself to your email files and sends "itself" out to at least 100 email addresses in your address book infecting others, and then deletes the sent files so you have no idea who got it. I ran Norton and quarantined it, and then checked the Norton website at [www.symantec.com/avcenter/index.html](http://www.symantec.com/avcenter/index.html) I ran the file on my system and it is now clean. If you are running Norton and your definitions are not up to date I would suggest that you download them..if you are NOT running Norton get the latest updates for your anti-virus software that you can. Mine caught it, but could not repair it, or DELETE it. There is a file available at Norton after you get to the page above, in which you can download directly from Norton's site that will check to see if your computer is infected. The file is called "fixlife.exe". Do exactly as it says and it

should delete the infected files from your computer. If you download the file and your computer is NOT infected, it will tell you so. I hope no one has gotten this newest email worm yet, but its only been out for about 1 month, according to the website. It took me about 4 or 5 hours of snooping to come up with the solution. I hope this helps..Greg KB2QQM

-----  
Date: Thu, 29 Jun 2000 02:54:46 +0000  
From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73818] Re: Possible new thread? Fun Fone Phonetics  
Message-ID: <395A7426.CD6CF842@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Now Six Chickens Hopping Vigorously

michael N6CHV

tom palmer wrote:

>  
> Hello, gang:  
>  
> When I was (for many years) active on the Geratol Net,  
> I heard some really "fun fone phonetics," such as:

-----  
Date: Wed, 28 Jun 2000 22:53:54 -0400  
From: wb2vuo@juno.com  
To: qrp-l@lehigh.edu  
Subject: [73819] Re: Lighthouses on the Air  
Message-ID: <20000628.225355.-302277.0.wb2vuo@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Thanks to all, the List has come thru again!

We will put the Charlotte lighthouse (Rochester, NY) on under the call K2BRK. Sorry, it won't be QRP this time, but K2BRK has been QRP for the last 5 Field Day operations.

I got the link from several QRP-L'ers and here it is for others

interested:

<http://www.waterw.com/~weidner/ld.htm>

Thanks again to Dave, Ron, Al, Bill and Bill and all on the List.

72/73, Keith, WB2VU0, 100% QRP from the Depths of the Great Bergen Swamp  
President & FD'00 Chairman, Brockport Amateur Radio Klub  
My night light runs more power than my Rig!!!  
Replies - <mailto:wb2vuo@arrl.net>

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
Date: Wed, 28 Jun 2000 23:08:08 -0400  
From: tom palmer <n1tp@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [73820] Fun Fone Phonetics  
Message-ID: <395ABD98.1CF07481@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I forgot to mention:

\*\*Bl = the "Big Lover."

\*\*RHE = Red Hot Electrons."

Tom, N1TP  
Naples, FL

-----  
Date: Wed, 28 Jun 2000 20:21:48 -0700  
From: Russ Dow <n7dw@garlic.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73821] Re: Possible new thread? Fun Fone Phonetics  
Message-ID: <395AC0CC.E8651818@garlic.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii



Content-Transfer-Encoding: 7bit

I've heard some pretty clever ones, but the most memorable was over 40 years ago, from CE1BF -- Charlie Empties One Barrel Full.

Happy collecting...

73,  
Russ N7DW

tom palmer wrote:

>  
> Hello, gang:  
>  
> When I was (for many years) active on the Geratol Net,  
> I heard some really "fun fone phonetics," such as:  
>  
> \*\*WKQ = "\*\* whiskey kills quickly."  
> N1ND - "Number One Notre Dame."  
> \*\*SH = "\*\* stop hollering."  
>  
> I was not all that pleased when someone  
> dubbed N1TP as "Number One Toilet Paper."  
>  
> I'd be intererested in reading about your favorite  
> all time "fun fone phonetics."  
>  
> Tom, N1TP  
> Naples, Florida  
> QRP-L 1317

-----  
Date: Wed, 28 Jun 2000 23:35:14 EDT  
From: Nv4t@aol.com  
To: n7dw@garlic.com, qrp-l@lehigh.edu  
Subject: [73822] Re: Possible new thread? Fun Fone Phonetics  
Message-ID: <22.7c3370d.268c1df2@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

How about mine-nv4t (no victories for turkeys!)

73, Bill

-----  
Date: Wed, 28 Jun 2000 20:39:24 -0700  
From: N5ZWF@yahoo.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73823] newbie thanks  
Message-ID: <004501bfe17b\$a0025e40\$86221004@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I just want to thank everyone who replied to my postings here. I have received more than a little good advice from many of you. That's what I love about this list, you can get several different responses with varied approaches to the topic, and none is completely wrong or completely right. I will have to weigh the advice with my current situation and try to figure out what is best for me. I will keep everyone updated on what I choose to do and how everything goes. Hope to QSO with some of you on the air!

73/72 de N5ZWF  
Jonathan D. Carpenter

-----  
Why pay for something you could get for free?  
NetZero provides FREE Internet Access and Email  
<http://www.netzero.net/download/index.html>

-----  
Date: Wed, 28 Jun 2000 23:41:54 EDT  
From: N10DL@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73824] COMPUTER to qrp qso  
Message-ID: <bb.4b0e17c.268c1f82@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Just had a very nice chat with MAC, AF4PS who saw me on the computer(AOL) and wanted to know if I was on the air. I was not, but turned around and switched it on. he came up to 14.062 and we had a really nice chat, even with the QSB.

This is another way I find to keep current on the air. I would not have gotten on the air tonight if it were not for MAC. Thanks MAC.. I really needed the practice.

Jump in Guys and GAL's... I just got me another QSO....

I thank Mac for giving me a chance to get on the air and get off the computer.  
Any time Mac.

Aron  
N10DL/qrp  
Bedford, NH

-----  
Date: Wed, 28 Jun 2000 20:47:14 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <n7dw@garlic.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73825] Re: Possible new thread? Fun Fone Phonetics  
Message-ID: <00e001bfe17c\$b72ae820\$e2424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Never Eat Seven Lemons.

W7 Whiskey Kills Roses.

K7 Dead Silence.

>From my days in Washington.

72,

John, K6QQ

-----  
Date: Wed, 28 Jun 2000 23:51:53 -0400  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>  
Subject: [73826] Re: Rich Man's Hobby?  
Message-ID: <395AC7D9.EFFC70FF@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Our aspect of the hobby (QRP) PROVES that this does not have to be a rich person's hobby. Take the original NC-20 kit offering. An incredible rig for \$100. Look at any of the Small Wonder kits. And there are many others that go for well below the \$100 mark. Now we have even less expensive units such as the SMK-1 or the whole series of equipment put

out by the NJQRP Club. You can get a quality circuit design, the fun and education that comes with building your own gear and, of course, a whole newsgroup of folks to help you out along the way. These are great times for anybody who wants to play radio.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----  
Date: Wed, 28 Jun 2000 21:11:01 -0700  
From: "K7FD-N7SG" <cqdx@teleport.com>  
To: <n1tp@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73827] Re: Fun Fone Phonetics  
Message-ID: <004601bfe180\$0ddcc960\$db231ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

W A 7 C Z A, my friend John, used to say:

Whiskey at 7, Can't Zero Anything!

And I have a BUNCH of phonetics for my call, none of which are suitable for here!

73 John K7FD

Subject: Fun Fone Phonetics

>I forgot to mention:  
>  
>\*\*Bl = the "Big Lover."  
>  
>\*\*RHE = Red Hot Electrons."  
>  
>Tom, N1TP  
>Naples, FL

-----  
Date: Wed, 28 Jun 2000 23:28:16 -0500  
From: "Conard Murray" <cmurray@cookeville.total-web.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73828] Re: Fun Fone Phonetics  
Message-ID: <007201bfe182\$7ef13bc0\$567fcfd8@cookeville.totalweb.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My mom tagged me as Weak Signal 4 Sure right after I pulled the new extra class ticket from the mailbox back in 1981. I even have an original Tuna Tin transmitter somewhere in my dad's attic.

Bring on the Foxii!  
73 de Conard, WS4S  
Cookeville, TN

-----  
Date: Thu, 29 Jun 2000 00:32:05 EDT  
From: JClinton46@aol.com  
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [73829] Re: Newbie stuff & OT posts  
Message-ID: <42.77b59f4.268c2b45@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

#### Newbie stuff

I am in a similar situation to Jonathan D. Carpenter, N5ZWF, the poster of the newbie questions. I came in as a Tech but grew bored with VHF. I know several possible local Elmers but Ham radio is low on their current interests so I have adopted this list (plus several good websites and ARRL books) as my Elmer (I didn't ask but hope you don't mind).

After a lot of research and reading this list, I have chosen to build a SW kit following the Elmer 101 series. I hope the tutorial plus this list will pull me thru any difficulties I may have. I have done only a limited amount of soldering but with care and patience I think I can be successful. I am listening with a borrowed transceiver (TS-520) but I am determined the first

HF QSO will be with equipment I build.

I also have other kits on order (tuner, SWR meter) so hopefully I will soon have a complete station.

I agree that there is probably no one best way to start in Ham radio or QRP. In my case money (lack of), the desire to understand the equipment and the operation and the satisfaction of building were key to my chosen path. Others interested more in operation than electronics or building would go a different route. I find all the different opinions very useful. I see aspects that I might have missed and then I can make my decision based on my individual circumstances. This is a great strength of this group.

#### OT Posts

A lot has been said regarding off topic posts. I personally don't mind the off topic stuff too much. Sometimes it provides a good laugh (Worse calls). In other cases the DELETE key (or PAGE DOWN, with the digest version) gets a workout. One gripe: often I have see SUBJECT lines that do not remotely match the contents. Please, give all of us, whether we have mail sorters or just manually sort/delete, a break. If I can depend on the subject line then I can skip all the FOR SALE, RESTRUCTURING, or whatever with minimal effort.

Thanks for the bandwidth.

73

Clint Poss

KE4FDT

-----  
Date: Wed, 28 Jun 2000 22:38:55 -0600  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
To: qrp-l@Lehigh.EDU  
Subject: [73830] Soldering Nickel-Metal-Hydride Batteries?  
Message-ID: <1.5.4.16.20000628223736.1a17a990@cadvision.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Trust everyone survived Field Day and the phantom CW will go away soon.

Has anyone soldered Nickel-Metal-Hydride Batteries? I have AA-size NMH batteries that I wanted to solder into a pack and was wondering if they were easy to damage by heat. Does anyone know how much current one can draw without damage to AA size cells? It is cheaper to ask the list than buy a new set of cells.

72/73 de Niels

VE6 No Junk Kits

Calgary, AB  
CANADA

-----  
Date: Thu, 29 Jun 2000 00:02:42 -0500  
From: Lee Bahr <w5drc@earthlink.net>  
To: nkristja@cadvision.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73831] Re: Soldering Nickel-Metal-Hydride Batteries?  
Message-ID: <395AD871.C50C53FC@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would say you would be smart plugging the cells into a battery holder and then soldering to the battery holder. Unless you have solder tabs on the cells themselves, it would be very difficult getting the metal hot enough to melt solder without gassing the electrolyte. This would shorten the battery life. In addition it is usually hard to tin cell cases and by the time you do tin them, you have really heated up the cell. I'm not saying it can't be done, but unless you are really skilled with a soldering iron I would not attempt to do this.

Lee Bahr   w0vt

Niels Jensen Kristjansson wrote:

> Hi Gang,  
>  
> Trust everyone survived Field Day and the phantom CW will go away soon.  
>  
> Has anyone soldered Nickel-Metal-Hydride Batteries? I have AA-size NMH  
> batteries that I wanted to solder into a pack and was wondering if they  
> were easy to damage by heat. Does anyone know how much current one can  
> draw without damage to AA size cells? It is cheaper to ask the list than  
> buy a new set of cells.  
>  
> 72/73 de Niels  
>  
> VE6 No Junk Kits

>  
> Calgary, AB  
> CANADA

-----  
Date: Wed, 28 Jun 2000 22:15:42 -1000  
From: "Daniel" <hamop@pixi.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73832] Re: Worst call / Fun Fone Phonetics  
Message-ID: <200006290814.WAA21206@phoenix.pixi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

First... "worst call":

My original call when I first got license was KE6TKQ. When I moved to Hawaii, it ended up being KE6TKQ/KH6 and that's a mouth full on SSB and a fist full on CW. So, when I got my extra in Feb, I put in for my new call of AH7MI

"Fun Phonetics":

The only thing I could think of for my first call sign was "KE6--Time Kills Quietly"

Now, with my new call, a few people in my club have me as "AH7--Malicious Interference"

73's and Aloha,  
Daniel AH7MI  
O'ahu, Hawaii

-----  
Date: Thu, 29 Jun 2000 06:37:40 EDT  
From: Mercxx@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73833] Update on FS/Give away  
Message-ID: <b0.72398f7.268c80f4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Good morning,



Just as an update the QF-1A filter is still up FS or trade.

The Keyer and the 40 meter transciever have been spoken for. I have been overwhelmed by the number of responses for the transciever and have contacted the lucky people. I say people because because I decided to throw in a second transciever. It makes me very happy to see that there are still a lot of people who want to operate QRP and CW. Have a great day and thanks to a great list and community.

73  
Steve  
N4TKP  
Bartow, FL

-----  
Date: Thu, 29 Jun 2000 07:09:26 -0400  
From: Bill Lazure <n2tpa@juno.com>  
To: QRP-L@Lehigh.edu  
Subject: [73834] TGM Minibeams?  
Message-ID: <20000629.071206.-375683.1.n2tpa@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Gang,

I just finally found TGMs website <http://www3.sympatico.ca/t.g.m.>

I was wondering if anyone here is running/has run one of these. The website's explanation for how it works has me a little confused. With only loading coils, but no traps, how does the antenna differentiate between bands? OR, is it as I suspect, that the combination of loading coils and capacity hats actually does make a trap with an unusually high inductance?

Then, the next question: how does it perform? Any manufacturer can make claims, but how is it at the top of the average ham's mast?

73 and tnx,

Bill  
W2EB  
Syracuse, NY

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
Juno now offers FREE Internet Access!  
Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 29 Jun 2000 07:45:20 EDT  
From: n5ib@juno.com  
To: qrp-l@Lehigh.edu  
Subject: [73835] Latin motto for QRP  
Message-ID: <20000629.063810.4655.1.N5IB@juno.com>

Gang, I was really, really bored yesterday while having to spend all morning and afternoon supervising a bunch of make-up physics lab exams. So bored, in fact, I started doodling with a logo/motto design to use when I give a QRP talk in Slidell LA in a couple of weeks.

So bored, in fact, that my high school Latin started coming back (sorta like phantom cw) and I eventually penned, "cum facultatis parvus gaudium magis" rather strictly translated as "from smaller resources greater delight" or as we all know it well, "Less Power, More Fun"

Well, while I recalled some vocabulary, I'm sure I fractured the grammar and case, so how's about it Latin Scholars out there, help me out.

You can see the (very simple) design at the top of my page  
<<http://www.qsl.net/n5ib>>

Maybe I'll dig out the transfer paper and make a tee shirt....

72  
Jim N5IB

-----  
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-----  
Date: Thu, 29 Jun 2000 08:10:25 -0400  
From: Rick Sealey <rsealey@InfoAve.Net>  
To: camqrp@cyberg8t.com  
Cc: qrp-l@lehigh.edu  
Subject: [73836] Kids - Potential Hams (formerly Field Day at the Zuni Loop)  
Message-ID: <4.1.20000628195304.00999a20@mail.infoave.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Nice Field Day story, Cam, I enjoyed it a lot. But the part I've excerpted below exemplifies my complete disagreement with the critics that say youngsters have no interest in ham radio - only the internet and computers. My contention is if you expose them to it, there will be a percentage that will want to get involved. And it's probably about the same percentage that was interested when I was first licensed (1961). Just as now, not all kids then were aware of ham radio, only the lucky ones. There's probably a blue million kids (southern term for "a lot") out there right now that just need somebody to show them the way. Well done!

Rick - W4SEA  
High Point, NC

At 09:51 PM 06/27/2000 -0700, you wrote:

>Fellow QRPers,

>

>FD 2000 found us gathering for the 16th year as the Zuni Loop Mountain

>Expeditionary Force.

>

----- SNIP -----

>

>-- The teenage kid who was camped with his family at the far end of the  
>loop. He got

>hooked big-time. He hung around until midnite Saturday, and was back at 5AM

>Sunday.

>Certainly had nothing to do with Mandy, but I'm sure she helped. He went

>away happy

>with his arms full of radio books. A new recruit, for sure.

>

----- SNIP -----

>72/73,

>

>Cam N6GA

-----

Date: Thu, 29 Jun 2000 07:16:49 -0500

From: K10J <k10j@ditdit.com>

To: QRP-L Discussion <qrp-l@Lehigh.EDU>

Subject: [73837] QRPTTF

Message-ID: <000d01bfe1c3\$e6f743e0\$6aa8bfd0@swbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Howdy all,  
Where has the NE Qrp Club web page moved. I am looking for the rules for  
QRPTTF.

OJ---K10J

ditdit

OJ---K10J

ditdit

Reply to:

k1oj@ditdit.com

k5oj@ditdit.com

-----  
Date: Thu, 29 Jun 2000 08:32:43 EDT

From: Wb8siw@aol.com

To: rsealey@infoave.net, qrp-1@lehigh.edu

Subject: [73838] Re: Kids - Potential Hams /Marketing Amateur Radio

Message-ID: <62.4d56377.268c9beb@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

In a message dated 06/29/2000 8:12:07 AM Eastern Daylight Time,  
rsealey@InfoAve.Net writes:

<< Nice Field Day story, Cam, I enjoyed it a lot. But the part I've exerpted  
below exemplifies my complete disagreement with the critics that say  
youngsters have no interest in ham radio - only the internet and computers.  
My contention is if you expose them to it, there will be a percentage that  
will want to get involved. And it's probably about the same percentage that  
was interested when I was first licensed (1961). Just as now, not all kids  
then were aware of ham radio, only the lucky ones. There's probably a blue  
million kids (southern term for "a lot") out there right now that just need  
somebody to show them the way. Well done!

>>

I've noticed something interesting at special event stations. Kids seem to  
have little interest in the SSB stations and two meter stations, somewhat  
moderate interest in the digital stations, but significant interest in the CW  
stations. Many are absolutely fascinated with the fact that one can hear all  
those "dits and dahs" and translate it into language.

I mention this not to start a debate or "flame war" about CW, but rather to  
offer a thought I feel is worth considering: Could it be that we are not

marketing Amateur Radio properly? Might it be possible that we are not emphasizing the aspects of Amateur Radio that make it unique and interesting (digital modes, CW, satellites, public service communications, etc.)?

It seems to me that we have spent so much time and energy attacking the "CW debate" that we have failed to look at any other potential reasons for a lack of growth in the number of youthful radio amateurs. Now that we've reached a point of equilibrium (for a time anyway) in this CW debate, perhaps the time has come to look for real solutions for this problem.

I suspect a young person would be far more fascinated by a battery operated QRP station running CW or PSK-31 than he would be by a typical two-meter FM or HF SSB QSO. This theory seems to be supported by my experience.

73, Jim WB8SIW

-----  
Date: Thu, 29 Jun 2000 08:45:53 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: qrp-l@lehigh.edu  
Subject: [73839] Re: Fun Fone Phonetics  
Message-ID: <v03110706b580f4d6784e@[152.15.144.71]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Since I'm also a boatanchors addict, that makes me

Kinda Flakey For Antique Radios.

72,

Rick kf4ar

-----  
Date: Thu, 29 Jun 2000 08:18:12 -0400  
From: wlfisher@bellatlantic.net  
To: Bob Marsh <kb2sgm@home.com>, "berty@orn.net" <berty@orn.net>, "Bob, Eileen, & Bobby Bendlin" <fireben390@aol.com>, Bonnie Bendlin <bonben1@aol.com>, "Brischler, John W2SGI" <w2sgi@juno.com>, "Brischler, Jos. N2BFT" <jbn2bft@aol.com>, "Burgio, John W2JB" <w2jb@juno.com>,  
Subject: [73840] [Fwd: be mosquito]  
Message-ID: <395B3E84.C6B9663C@bellatlantic.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Kc2aup@aol.com wrote:

> Here is a good thing for the summer, for those people who like to sit  
> and enjoy the outdoors, but don't like those pesky mosquitos.  
> I found it on my gardening forum:  
>  
> Put some water in a white dinner plate and add just a couple of drops of  
> Lemon Fresh Joy dishwashing soap. Put it on your patio. I don't know what  
> attracts them, the lemon smell, the white color, or what, but mosquitos  
> flock to it, and drop dead, and fall into the water, or on the floor within  
> about 10 ft. Works just super.  
>  
> Enjoy the mosquito free summer.

-----  
Date: Thu, 29 Jun 2000 08:51:11 EDT  
From: Mercxx@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73841] looking for.....  
Message-ID: <32.6c47e13.268ca03f@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Good morning,

I have a question, are the MRX40 and the Micronauts will available as kits?  
If not does anyone want to sell theirs.....? Thanks for the bandwidth and  
have a great day.

72  
Steve  
N4TKP

-----  
Date: Thu, 29 Jun 2000 06:01:07 -0700 (PDT)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73842] Re: QRP Rig Survey  
Message-ID: <20000629130107.10420.qmail@web2002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

(1) TS-140. used QRO, QRP on 10m and sometimes other bands. also drives 6 and 2m transverters.

(2) TT 1340. great rig, especially picking best 4 crystals for receive filter. motivation to build this was to have a superhet QRP rig for 40m. plan to take camping with me.

(3) HW-8. used mostly on 20 and 15m. DC receiver will drive you crazy in even light contest action, but its nice for casual QSO's and it does work DX.

(4) 38S. mine is stock - it makes QSO's even DX with 0.5w output into a modest dipole.

(5) Ugly Weekender. my homebrew rig. vfo and xmtr work great - folk on the other end who don't know HB can't believe its HB when i tell them ... Rx needs a few mods to make more useful, but its at least as good as the HW-8 except for a little more BC leakage. someday i will refine.

its good to have some home constructed equipment, one can have good ham radio experience with all kinds of reasonable priced rigs. a key for those with little operating time is to keep things orderly so you can enjoy even 15 minutes at the station

Curt WB8YYY

-----  
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-----  
Date: Thu, 29 Jun 2000 09:00:01 -0400

From: "Lau, Zack, W1VT" <zlau@arrl.org>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [73843] Re: Antennas: mutual influence

Message-ID: <125490A005E3D3118C9C00805FC743CC8D9B29@mail.arrl.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Based on 2 element yagi theory, one can expect significant mutual coupling with spacings as much as 0.4 wavelengths--this spacing can still yield 2.7 dB of gain.

This can be used to advantage--you can cleverly tune the unused wire to change the directional characteristics of the wire in use. When I was a youngster with plenty of time I'd fit a whole assortment of antennas on a 17 x 23 meter lot. In fact, I outfitted my Argo 515 with a DIN connector connected to the spare contacts on the bandswitch for automatic antenna changing. I had a deluxe antenna system made out of water pipe left by the former homeowners, bamboo that grew in the back yard, and #14 house wire.--Zack Lau W1VT (ex KH6CP)

I also used hookup wire for antennas and tuning capacitors scrapped out of radios--even cheaper :-)

-----  
Date: Thu, 29 Jun 2000 08:29:50 -0500  
From: David Heintzleman <pstridave@kdsi.net>  
To: qrp-1@Lehigh.EDU  
Subject: [73844] re: rig survey  
Message-ID: <395B4F4E.4FF11353@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

my favorites: in order of "fun" quotient"  
pm3a TenTec, just for the portability and the challenge  
509 argonaut, just seemed a bit more fun than my 515  
Oak Hills Classic -  
TenTec 544 Triton - just love receiver

73/72  
Dave K8BBM

-----  
Date: Thu, 29 Jun 2000 09:30:37 -0400  
From: "Franco, Nicholas J" <franco@bnl.gov>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>



Subject: [73845] QRP Rig Survey and Phonetics

Message-ID: <698DB793D712D31180B600902746422DFB486A@exchange01.bnl.gov>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="windows-1252"

This is KF2P Keep Flappin' 2 Paddles

I dropped the "H" from the end of my call: KF2PH Keep Flappin' 2 Paddle  
Handles

The call change did not significantly impact my phonetics - I'm happy. :-)

My major rig is the IC-728 which I adjusted to get from 2 - 100 watts from  
the front panel. Of course, I don't remember the last time the rig went  
over 5 watts. I use this rig for FoxHunts and other large stuff.

Argonaut 509 - (CW/SSB) - not used too often, but a nice rig to play with -  
my Field Day companion.

Kits:

DSW-20 - awesome kit to build and operate - full of nice features < 2W out -  
ready for Summer FoxHunt :-)

NW-40 - great rig (with audio filter and TiCK added) - my car companion for  
several years.

SW-30 (original - with MAR-4 mod for 2-3 watts out) Great, clean,  
effective. Built and used for the TMPS

a few years ago - ran it mobile and made 100 plus Q's and 30 DX during the  
summer mobile.

TT2 - I use the IC-728 as the receiver for this. I love to operate this  
rig. I just received my SOP receiver from NJQRP and would like to use it  
for the TT2 (700mW)

SMK-1 - Tough to make contacts on the original 250mW out but not impossible  
- challenging and fun.

Tixie - Pixie design TCVR with TiCK keyer and sidetone - Pixie with window  
dressing :-) 500mW

Pixie - 40/80 dual band home mod - 500mW and plenty of Q's - built several  
regular Pixie2's - Used it for the Radio Merit Badge project with the  
Scouts (hears W1AW code practice sessions on colorburst crystal - good for  
beginners to learn the code.

Fireball 40 - 5mW - phew! This one is rough. Have yet to make a contact on  
it.

38 Special - I built this with the 5W mod and TiCK add-in - works well -  
lots of Q's - sold it this past year - another great mobile rig with the 5W  
mod.

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY  
Systems Administrator Collider-Accelerator Department

Tel: (516) 344-5467                    UPTON, NY 11973-5000  
Fax: (516) 344-2833                  Ham Call: KF2P  
<mailto:nickf@bnl.gov>              <http://www.rhichome.bnl.gov/People/franco>

-----  
Date: Thu, 29 Jun 2000 07:36:21 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [73846] Re: (OT) May be QRP related  
Message-ID: <395B50D5.5219F70C@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Actually, the BC348 was a dc powered receiver, utilizing a dynamotor for voltages, filament were the standard 28v for aircraft/military usage. The 12v version was the BC224 and also used a dynamotor for power. Both receivers could be used on ac mains by using the RA-20 powersupply which would fit into the dynamotor area. For qrp, there have been a couple of mods done (I don't have the info any longer) which appeared in RadCom a few years ago wherein the BC348 was used as a QRP transceiver using the tuned circuits and the audio output tube for a 5w transmit section.

Regarding the BC312 - that was the 12v version of the BC342 receiver and used the RA20 power supply if used in an AC situation. The three in a set which were identical in outward appearance were the BC344 - 150-1500 Kc, BC312 and BC342 1500kc - 18mc. One nice feature on some of the BC312's was the installation of a noise blanker for reduction of ignition and line noise in certain locations. Not real accurate on the tuning dial but for their age, quite stable.

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, OOTC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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Date: Thu, 29 Jun 2000 09:38:59 EDT  
From: Drbob92031@aol.com  
To: qrp-l@lehigh.edu  
Subject: [73847] RE:latin mottos  
Message-ID: <a9.79c3f2b.268cab73@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

"cum facultatis parvus gaudium  
magis" rather strictly translated as "from smaller resources greater  
delight"  
Or rather loosly translated.."Less endowed more pleasure"???? Refering to the  
size of my antenna mast you evil minded people.  
72/73 de WA2EAW..Bob

-----  
Date: Thu, 29 Jun 2000 08:41:10 CDT  
From: "jimmie newburry" <jnewburry@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [73848] hammarlund trade?  
Message-ID: <20000629134110.17188.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

hi all,  
sorry this is a little off subject, but i am new to qrp and need some gear.  
all i have for radio now is an old hammarlund hq 145 receiver and i need a  
transciever and paddle. if anyone would like to trade as i have a little  
budget (broke and in school) please let me know. i would like to start  
chatting on the air.  
once again sorry this isn't completely qrp related but if i don't gear i  
guess i won't be qrp related either.  
jimmie kd5kac

-----  
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-----  
Date: Thu, 29 Jun 2000 09:50:43 -0400  
From: Stanley A Mcintosh <mcintos@basf-corp.com>  
To: qrp-l@Lehigh.EDU  
Subject: [73849] Keyer Setup  
Message-ID: <8525690D.004B4FA5.00@basf-corp-gw01.basf-corp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks to those who responded. The final vote is 75% for thumb-dit/finger-dah, and 25% for the opposite. One of the dissenting votes indicated that he thought he was opposite of convention, but thumb-dah just felt more "natural." The other dissenting vote said that his information was thumb-dit for bugs and thumb-dah for keyers. With the TiCK, changing is easy, so it's not like going either way is a big committment. FWIW, I played a bit last night, and I was leaning towards thumb-dit.

Again, thanks.

stan

-----  
Date: Thu, 29 Jun 2000 07:54:38 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: n2tpa@juno.com  
Subject: [73850] Re: TGM Minibeams?  
Message-ID: <395B551E.E4401F34@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, I did not realize they were still being made. I had one of the Mini-Beams (2 ele) when they were manufactured in Pennsylvania. The one shown in the picture was known then as the Mini-Quad and the quad loop at the back was supposed to improve the f/b ratio. The MB-1 (I think-been 25 years) was a 2 element affair, using the coil/capacity hat for each band. The rods in the capacity hat look like a welder's bronze rods cut and threaded, and colour coded for the particular band. The coil had a colour mark to indicate the proper one. On 20, there was not much gain, if any, compared to a dipole at the same height. I had mine at 30 feet and could not tell much in f/b either. It was some better on 15 and 10 was the better band as the spacing and element length better approached that range. Even tho I used lock-tite on the rods, I was always constantly looking for and reinstalling them. And if hit the wrong way, you have a hole with a short, unobtainable piece of threaded rod stuck therein.

I would lean towards putting together a plumbers delight for 10 or 15(use aluminum or emt conduit) or for 10-15-20, a G4ZU would probably be a better choice. And most likely cheaper, too.

--

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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-----  
Date: Thu, 29 Jun 2000 08:53:45 -0500  
From: Charles K Brown <n4so@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [73851] LDG ELECTRONICS  
Message-ID: <20000629.085812.14494.18.n4so@juno.com>

OFF TOPIC SUBJECTS--  
All Off-Topic subjects get immediately hit by the  
Delete key.  
Update to E-mail and Web page address--

LDG Electronics, Inc.  
QRP Autotuner/AT-11 Autotuner  
Subject: W6ZH Adapter Balun Box

Ladder-line to coax is a 4 to 1 Balun.  
Adapting ladder line to a coax-only station.

Sold by LDG Electronics.  
BA-1 4:1 Balun Box  
\$25  
Some manufactured tuners may have this built in.

QST, May 2000, The Doctor Is In, page 46 explains  
the theory.  
LDG Electronics  
1445 Parran Road  
St. Leonard, MD 20685  
Tech Support 410-586-2177  
[ldg@ldgelectronics.com](mailto:ldg@ldgelectronics.com)  
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-----  
Date: Thu, 29 Jun 2000 07:06:48 PDT

From: "Peter Pavlovich" <radioroom@hotmail.com>

To: qrp-l@Lehigh.EDU

Subject: [73852] Re: rich man's hobby

Message-ID: <20000629140649.3692.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Hello Guys,

George is absolutely correct. Relatively speaking, ham radio today is a FAR more reasonable hobby to enter than it was in the 30's. For God's sake, you can get on the air making DX contacts with a NEW \$100 qrp rig, and \$10-\$15 worth of feedline and wire for an antenna. And if that route doesn't fit into your slim wallet, you can always go to a swap and hunt for bargains or comb the internet. Some of my more cost effective purchases were buying in one package two HW-101's with power supplies, D-104 microphone, and code key for a bank busting \$65. Or, there's the Icom IC 720 that I bought for a crushing \$50 that had a bad power switch on it.

The bottom line is that this hobby is VERY reasonable these days. There is tons of used gear from the 70's and 80's that you can buy for the price of a new suit. All George was saying is that you couldn't find good deals back then because there simply wasn't very much used gear do to the hobby being so new. He's correct in his life experience.

The guy in 1970 who was making a reasonable \$12,000 annually could expect to dump a good \$1,500 to \$2,000 into a Collins S-line. That same guy would now be making about \$50,000 and could get into a FT-1000mp for about \$2,700. That sounds much more reasonable to me.

To talk today about having to cut back on utilites, food, clothing, travel, etc., sounds pretty pathetic actually; if not cheap. If someone is that strapped for cash, they should go the used route and bite the bullet for \$100 or so and enjoy the hobby just as much as the rest of us with a good

used piece of equipment.

72 to all,

Peter N8EVJ

---

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---

Date: Thu, 29 Jun 2000 10:33:36 -0700  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-1@Lehigh.EDU  
Subject: [73853] Re: tangle free antenna wire launching;  
Message-ID: <395B886F.7F13E205@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

In the life saving service, the Coast Guard used a "faking" box to ready the line. A board with multiple dowels pointing upward was wound with the line in multiple figure-eight patterns (so the line didn't form circles on itself). This was covered with a box. When ready to shoot the line, the assembly was turned over, the board/dowel plate carefully removed, and the box had the tangle-free line ready to be launched with the projectile from the Lyle gun. So if you have a Lyle gun/cannon/mortar, this the way to go.

I use a "game tracker" with my device,...it is made for bow hunters. It attaches to a stud on the bow and allows the light but strong line to be pulled from inside the container with no drag, and thereby track a shot deer thru the woods. The line is strong enough to pull up a light wire antenna, but usually is followed by a stronger halyard. I use it with a 1 oz or so sinker and a slingshot. The line is disposable (you don't rewind it), so you have to clean up after use. Oh yes, New Jersey 2C:39 of the firearms laws states that "...sale or possession of... a slingshot.. is a crime of the fourth degree...(equal to a misdemeanor, I guess) . Use rarely enforced, but one must be discreet.

Ed,  
K2MGM.

-----  
Date: Thu, 29 Jun 2000 10:31:41 -0400  
From: "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73854] Re: TGM Minibeams?  
Message-ID: <000501bfe1d6\$bec07c80\$7368f326@GACNT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Bill,

About the Minibeam. This antenna used to be sold under the name Mini-Quad. It's model designation was HQ-1. It used to be manufactured by an outfit in Buffalo, New York up until the early to mid 80's. The company also manufactured a vertical antenna with the same "spikey" characteristics. The company which makes them now is in Stratford, Ontario, Canada which is about 40 miles from Buffalo. Coincidence?

Anyway, I had the HQ-1 Mini-Quad up for about 3 years and did a lot of operating on it so I can tell you something about it. It radiated equally bad in all directions 20 meters, fair on 15, damn good on 10 and 6. It's fairly heavy for its size, but that's because the coil forms "were" made from ceramic which presents another problem. Occasionally, you would hear of a user who had a coil form snap for no apparent reason. You'd come outside, look up, and see the outer half of your element dangling from the wire coil. If that happened, you were SOL. You had to replace the coil which was expensive. If you look at a picture on the antenna, you will notice a series of spikes out at the ends of the coils, capacitance hats if you will. Well, these spike "were" made of some sort of metal that had a crystalline structure. They were threaded at one end, and are screwed into a ring mounted on the coil form. These spikes had the propensity to snap off right at the base if you looked cross-eyed at them, and let me tell you, they were a DOG! to replace. You had to take a jewelers file and file a slot in them, and then back out the threaded stub with a small screwdriver. I had a buddy in work make me spares out of brass, and always had a replacement ready. The broken spikes always occurred when you were making adjustments to it, or when you initially put it up. Because the bandwidth was sh\*\*, you had to re-adjust the length of a spike or two in order to get the antenna tuned to phone or cw portions on the band. The brass spikes gave you the advantage of being able to solder a piece of brass stock on the tip of them if you wanted to lengthen them to go lower in the band. This is not a set and forget antenna!

One other humorous event occurred to me. In another life, when I thought



power, lots of power was a good thing, I used to run a Drake L-4 PA. Of course I applied it to the Mini-Quad. During a contest, for some reason I went outside to check the status of a wire antenna I had for 40. I looked up at the Mini-Quad I noticed that the potting compound around the coils had melted and had migrated to the bottom side of each coil. Some of it had actually dripped off and was stuck to my roof! That was probably the last straw for me as I soon replaced it with a trapped yagi. I remember smearing RTV on the coils to protect the bare wire along the top which had become devoid of potting compound. It worked until the day I sold it some other suck...ahh amateur!

Bill, in closing I would say look into it only if its your last resort. I lived in a 16 foot wide row home in Philly at the time, was a new ham, and it was sold to me used at a cheap price! I hope this give you some insight to the trials and tribulations of owning this antenna.

7 3.....

Tom K3GM

24 hours in a day, 24 beers to a case. Coincidence?  
-----Stephen Wright

>  
> Gang,  
>  
> I just finally found TGMs website <http://www3.sympatico.ca/t.g.m.>  
>  
> I was wondering if anyone here is running/has run one of these. The  
> website's explanation for how it works has me a little confused. With  
> only loading coils, but no traps, how does the antenna differentiate  
> between bands? OR, is it as I suspect, that the combination  
> of loading  
> coils and capacity hats actually does make a trap with an  
> unusually high  
> inductance?  
>  
> Then, the next question: how does it perform? Any  
> manufacturer can  
> make claims, but how is it at the top of the average ham's mast?  
>  
> 73 and tnx,  
>  
> Bill  
> W2EB  
> Syracuse, NY

-----  
Date: Thu, 29 Jun 2000 10:40:39 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: af852@rgfn.epcc.edu  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [73855] Re: TGM Minibeams?  
Message-ID: <395B5FE7.30FB@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ray, and gang,

A friend of mine in Holland had a minibeam for a long time. He may still use it for all I know. Ray is right, the performance was not very much better than a dipole, but it was shorter and easier to rotate. He also had problems with the capacity hat rods falling off. They were barss welding rod, 3/32 inch in diameter. I sent him a 5-40 tap to make his own! I think the newer mini-beams may be manufactured by a different company than the originals. but I suspect the performance is quite similar. In Holland, where the houses are on smaller lots and closer together than here, they made good sense for many hams.

73

-----  
Date: Thu, 29 Jun 2000 09:32:25 -0500  
From: "Ed Manuel (N5EM)" <n5em@flash.net>  
To: qrp-l@lehigh.edu  
Subject: [73856] Re: TGM Minibeams?  
Message-ID: <4.1.20000629092006.009e8950@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Let me try to explain how this thingy works. First of all, it's a resurrection of a design common in the late 50's and 60's. Look back in old QST mags for Mini-Quad and you'll find it.

If you understand the Spider mobile antenna, or the Hustler mobile antenna, you'll understand this.

First, if you take a coil and end load a length of radiator, you can make a

vertical appear longer. Then, if you put a capacity hat on the very end of the coil, it becomes longer still. Then, if you duplicate the whole arrangement and turn it into a dipole fed in the middle, you have a loaded, shortened antenna. Now, consider the coil/capacity hat assembly. If you simply removed it and replaced it with a new coil/capacity hat made for a different band you can change the band of the antenna.

Turns out that if you PARELLEL more than one of these assemblies, since they are on different frequencies, they have relatively little interaction. In the mobile arrangement, you simply attach a fixture that lets you have more than one resonator on the end of your mobile mast - they all work independently of each other (well, mostly independent). In the case of the TGM, while these coil/capacity hat assemblies have the appearance of being in series, they are actually in parallel with each other. The inside connection of each coil/capacity hat assembly comes back to the end of the inner linear support, not to the top of each successive assembly. Once you see it up close, it will make sense.

Now, notice that I have not given ANY review or recommendation as I have never used one.

Good DX y'all.

Ed, N5EM

Actual link is <http://www3.sympatico.ca/t.g.m./index.html>

At 07:09 AM 6/29/00 -0400, you wrote:

>Gang,

>

> I just finally found TGMs website <http://www3.sympatico.ca/t.g.m.>

>

>I was wondering if anyone here is running/has run one of these. The  
>website's explanation for how it works has me a little confused. With  
>only loading coils, but no traps, how does the antenna differentiate  
>between bands? OR, is it as I suspect, that the combination of loading  
>coils and capacity hats actually does make a trap with an unusually high  
>inductance?

>

> Then, the next question: how does it perform? Any manufacturer can  
>make claims, but how is it at the top of the average ham's mast?

>

>73 and tnx,

>

>Bill  
>W2EB  
>Syracuse, NY  
>-----  
>YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
>Juno now offers FREE Internet Access!  
>Try it today - there's no risk! For your FREE software, visit:  
><http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 29 Jun 2000 08:44:56 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Raiders of the Lost RF -- Earl  
Murphy <earlmurf@telusplanet.net>, Fred Lesnick <flesnick@tbaytel.net>,  
Mary Cherry <na6e@qsl.net>, "Ian B. Rattray" <rattray@gpfn.sk.ca>, Low Power  
Group <qrp-1@LeHigh.EDU>  
Subject: [73857] Summer Fox Hunt Team  
Message-ID: <Pine.LNX.3.95.1000629083703.16412C-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's my pleasure to announce that the "Raiders of the Lost RF" have joined  
the hunt!...making up the crew, we have:

Mary - NA6E  
Fred - VE3FAL  
Earl - NA6E  
Rob - VE6AJZ  
Bruce - VE5RC

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 29 Jun 2000 08:50:35 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>  
Subject: [73858] Summer Fox Hunt Team (fwd)  
Message-ID: <Pine.LNX.3.95.1000629084903.17754D-1000000@neale.gpfn.sk.ca>  
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

....000ps!....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

It's my pleasure to announce that the "Raiders of the Lost RF" have joined  
the hunt!...making up the crew, we have:

Mary - NA6E  
Fred - VE3FAL  
Earl - VA6RF  
Rob - VE6AJZ  
Bruce - VE5RC

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Thu, 29 Jun 2000 10:50:19 -0400  
From: Joseph Trombino Jr <joebarb@wilmington.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [73859] F.S. Coax switches  
Message-ID: <3.0.6.32.20000629105019.00908290@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Fellow QRP'ers:

I have the following coax switches for sale that are excess to my needs.

MFJ-1704 four position coax switch...MFJ price...64.95...will ship for \$45.

I have two each of these units...excellent to almost new condition and  
tested and checked out.

Daiwa CS-201 two position coax switch...Daiwa price...\$29.95...will ship for  
\$20. I have two each of these units....they are new in the pack. I  
removed them from the pack, tested and checked them out (perfect) and  
re-packed them.

All of the above have the SO-239 female connectors that mate up with the PL-259 male connectors.

Happy antenna switching and enjoy the hobby.

73, Joe W2KJ (North Carolina)

I QRP, therefore I am

-----  
Date: Thu, 08 Jun 2000 22:30:53 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-1@Lehigh.EDU  
Subject: [73860] FD Report - K7RE/M  
Message-ID: <3940810D.DEC0A281@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

K2'ers:

Bob and Bertie Hightower with myself, ran 2 K-2's with the antennas separated by only 50 yards or so. We also decided to use our own calls at each station, and run them as independent entries. We were forced to use campgrounds, rather than camping at one of our favorite high spots due to high fire danger warnings forcing those areas to be closed off. This meant that every club in the Phoenix valley strove to set up in just a few available campgrounds. I arrived early on Wednesday to "stake out" a campground, but was forced to relocate when about 10-15 members of a local group arrived and refused to leave. We decided that harmony, good will etc. was more important than the location. I won't mention the name of that club, but I do understand that their hone is doing well ;).

The new location was indeed quite inferior, as it was located in a valley. They do call this the "Grand Canyon" state you know. Due to the fire restrictions, we had decided previously to go with the mobile or C category. Although we have all been out on countless field operations, we had an amazingly high number of problems. I won't bore you with the details.

We noticed on Friday that there were at least 2 instances of both 20M and 15M being completely dead for several hours. Not a good sign for the contest the following day.

Although we had commercial band pass filters with us, they were never needed. We carefully operated on different bands, and the filters were never needed. Not once during the whole 24 hours did any of us detect any desense, interference or intermod problems. Not a trace. Notta.

Conditions on Saturday were pretty miserable. 10 meters, a QRP bread and butter band, never opened during the whole contest. Sunday was bit better. Coupled with our mobile antennas, and our less-than-prime location our my final QSO total, all CW was 272, all 5W and all mobile. I operated for about 14 hours total.

Without the mojo, the whole event would have been a loss. It was the only piece of gear that did it's job flawlessly, as always. Not only did the K-2 save the contest for me, but probably saved my sanity as well;)

Next year we all plan to do a few things differently ;)

Brian K7RE

-----  
Date: Thu, 29 Jun 2000 11:01:38 -0400  
From: "Tom Hybiske" <hybiske@drs-fsc-comm.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73861] Re: Latin motto for QRP  
Message-ID: <000401bfe1da\$ed8e2860\$7368f326@GACNT>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

CQ, CQ, CQ Father John?

> Gang, I was really, really bored yesterday while having to spend all  
> morning and afternoon supervising a bunch of make-up physics lab exams.  
> So bored, in fact, I started doodling with a logo/motto design to use  
> when I give a QRP talk in Slidell LA in a couple of weeks.  
>  
> So bored, in fact, that my high school Latin started coming back (sorta  
> like phantom cw) and I eventually penned, "cum facultatis parvus gaudium  
> magis" rather strictly translated as "from smaller resources greater  
> delight" or as we all know it well, "Less Power, More Fun"  
>  
> Well, while I recalled some vocabulary, I'm sure I fractured the grammar  
> and case, so how's about it Latin Scholars out there, help me out.  
>  
> You can see the (very simple) design at the top of my page

> <<http://www.qsl.net/n5ib>>  
>  
> Maybe I'll dig out the transfer paper and make a tee shirt....  
>  
> 72  
> Jim N5IB  
>

-----  
Date: Thu, 29 Jun 2000 11:06:27 EDT  
From: REDSBOY@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73862] Net courtesy and OT  
Message-ID: <9b.70ffc20.268cbff3@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

PLEASE - I can tolerate (even overlook) some of the "OT" stuff that is appearing regularly on this List. And yes, I do know how to use my "delete" key, BUT FOLKS, Funny Fone Fonetics (Yes, I know how to spell it!), Funny Call Signs, and NOW mosquito repellents are just plain out to lunch for a QRP List. We seem to be getting further and farther afield and away from our central theme.

My mail box gets full of junk quickly enough. Have pity, Please! If you really enjoy junk mail, and forwarding it, please do it on some other list.

Please send all flames to me directly. There is no need to stuff everyone's mailbox with mail directed expressly to me.

Karl - W4UTI

-----  
Date: Thu, 29 Jun 2000 11:08:58 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Wb8siw@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73863] PRESS RELEASE....Re: Kids - Potential Hams /Marketing Amateur Radio  
Message-ID: <Pine.0SF.4.21.0006291106000.18901-100000@saturn4.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII



For Immediate  
Release.

For Further Information Contact:  
Paul Valko 248-370-1072

#### Auburn Hills' Children to Talk to the World

On July 20, 2000 the world of Amateur Radio will open to children enrolled in the Auburn Hills Summer Day Camp. The Recreation Department and the Utica Shelby Emergency Communications Association (USECA) host their fourth annual "Radio Days" event.

Volunteers from USECA will set up portable amateur radio exhibits in Civic Center Park located at 1827 N. Squirrel in Auburn Hills. Children will have the opportunity to talk with people across the country and even around the world.

"Ham radio is hobby devoted to public service." said event coordinator Paul Valko. "The children may be familiar with cellular phones and the Internet, but when those services are disrupted by weather or other disasters, the radio amateurs are still there to provide communications."

The Federal Communications Commission has granted a special radio license "W8R" to honor the event.

The general public is welcome to visit the demonstration. Radio Days runs from 9:30 A.M until 3 P.M.

For more information please contact:

Paul Valko  
pvalko@auburnhills.org 248-370-1072

#### Informational Web sites:

American Radio Relay League [www.arrl.org](http://www.arrl.org)

USECA [www.useca.org](http://www.useca.org)

###

-----  
Date: Thu, 29 Jun 2000 08:14:00 -0700 (PDT)  
From: Doug Bankston <dougbankston1@yahoo.com>  
To: k3gm@home.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73864] Re: QRP Rig Survey  
Message-ID: <20000629151400.19647.qmail@web4306.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I like to use (play around with)

my:  
OHR Explorer II (40m)  
Heathkit HW8  
Ramsey kit (40 & 20) xmtrs  
Homebrew 750milliwatter.

BUT.....

When indoors at the home QTH doing some QRP  
Contesting, I use my big ole' ICOM 761. It's got all  
the bells/whistles/filters. Been running the beast at  
5 watts for quite some time now. B4 that I had a  
Kenwood TS940s/at that was also a great rig for qrp  
contesting.....

I'll never forgive myself for selling my TEN TEC  
Argonaut 509, and Yaesu FT301s transceivers. Must have  
been smokin' something when I made these decisions.  
The 509 and 301 were great qrp rigs... Anybody have a  
509 or 301s they want to part with?

Doug W4IDW

--- K3GM <k3gm@home.com> wrote:  
>  
>  
> >> Here's a question that might prove illuminating..  
> >  
> > Of all the rigs you have in the shack, (and many  
> of you have

> > plenty!), kit, commercial or homebrew, which one  
> do you use the  
> > most ,which one the least, and why?  
> >  
>  
> Hi Steve,  
>  
> I'll go with my 515 Argonaut. It's the radio  
> equivalent of a Mazda Miata;  
> pure, simple, top-down driving fun! Followed up by  
> the 556 Argo. The rig I  
> use the least also takes up most of the space in the  
> shack, and that's my  
> Yaesu FT-902. Good topic, and curious to see what  
> others have to say.  
>  
> 7 3, Tom K3GM  
>  
> 24 hours in a day, 24 beers in a case. Coincidence?  
> --Stephen Wright  
>  
>

-----  
Do You Yahoo!?  
Get Yahoo! Mail - Free email you can access from anywhere!  
<http://mail.yahoo.com/>

-----  
Date: Thu, 08 Jun 2000 22:55:56 -0700  
From: Brian Kassel <bkassel@dancris.com>  
To: qrp-l@Lehigh.EDU  
Subject: [73865] Re: Vertical Dipole Question  
Message-ID: <394086EC.4C5823CA@dancris.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gangue:

I have used a half wave wire vertical for years now in most of my portable operations. The antenna is strung from either a tree, or my 33' fiberglass mast. I feed it on the bottom, where I place my LDG automatic tuner. I run a short radial out, and if possible ground the tuner to the frame of my motor home. I place a small gel cell with the tuner to supply power. Sometimes I place a small solar panel at the

antenna tuner and gel cell to help keep the battery up to charge. I then place the tuner into an inverted Zip Loc bag for protection. Then I run a short length of coax from the tuner to the rig. The advantage here is that when changing bands, I simply put the rig into the tune position for a few seconds, and the LDG tunes the antenna. I have never had a problem on any band above where the antenna is a half wavelength. It does work as a quarter wave antenna if I operate on the band where the length turns out to be 1/4 wave length, but it is very inefficient, even when fed against the frame of the motor home, as expected.

I have always had great results. No manual tuning, and band changes in seconds. The whole thing goes up and down in 2 or 3 minutes, no coils, no traps etc., to heat up, and 1 simple radial. In A/B tests, my results have always suggested that the half wave outperformed a 30-40 foot high horizontal dipole, by a significant amount, better than 6 DB or so.

The radiation pattern can be controlled somewhat by either running the wire vertically, for low angle, or tilting the wire up to about 45 degrees for higher angles.

Brian K7RE

-----  
Date: Thu, 29 Jun 2000 09:41:19 -0600  
From: "Ron Smith" <resmith666@uswest.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73866] Re: rich man's hobby  
Message-ID: <09e701bfe1e0\$8df48740\$02000000a@uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> That same guy would now  
> be making about \$50,000 and could get into a FT-1000mp for about \$2,700.  
> That sounds much more reasonable to me.

And to ME -- that guy making \$50,000 is RICH!!! He also gets pay raises!!!!  
He also, at this very second, makes 5 times more than \*I\* do and I don't get the pay raises he does!!

73 to all...

Ron - KD7VD  
Retired and set in my ways!

-----  
Date: Thu, 29 Jun 2000 09:49:22 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: W1R0@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73867] Re: Ten-Tec 505  
Message-ID: <Pine.LNX.4.10.10006290946000.825-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Might not be too bad. How long was it run on reverse voltage? I would pull out all the boards you can and test individually. But many have a switch on them and those are hard to remove.

Check the final xisters first. I have a 509 with a diode hooked up to provide a dead short if reverse voltage appears.

On Wed, 28 Jun 2000 W1R0@aol.com wrote:

> Anybody have the experience of repairing an Argonaut 505 after someone hooked  
> the power leads up reversed? How big a repair job might this be?  
> Yes, I need to try to fix it!!  
> Jim  
> W1R0/7  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 29 Jun 2000 08:51:26 -0700  
From: "Floyd Smithberg" <flydnq7x@primenet.com>  
To: "QRP-L Message" <qrp-l@Lehigh.edu>  
Subject: [73868] FD at Home  
Message-ID: <008f01bfe1e1\$f75cab80\$45ae30d0@primenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Couldn't get out for FD, so played 1D at home for 8 intermittent hours. As many noted, the bands were spotty but good enough until Sunday afternoon. Made 154Qs in 60 sections mostly on 15, 20 & 40.....5 on 10....1 on 80. Score....who cares, it was still fun! Used TS850/5W....3 e1 triband...TR6.49.  
Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

-----  
Date: Thu, 29 Jun 2000 08:50:15 -0700  
From: Charlie Panek <charlie\_paneke@agilent.com>  
To: qrp-l@Lehigh.EDU  
Subject: [73869] Re: [PROP] Conditions during FD (78% QRP)  
Message-ID: <395B7037.F18D8311@agilent.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

> On Wed, 28 Jun 2000, Bruce Rattray wrote:  
> > Hello Paul et al.....the conditions experienced by the Regina, SK,  
> > amateur radio club, VE5NN, were, in a general sense, tough going on  
> > Saturday and better on Sunday..... had to "dig & pull teeth" for  
> > contacts....  
>  
Paul Harden replies:  
> Bruce,  
> Thanks for the propagation report from SK. I probably should have  
> mentioned that my synopsis of the numbers was based on the middle  
> latitudes. The elevated solar wind, for example, would have produced  
> higher absorptions and HF noise in the "higher latitudes" than where  
> the majority of us were :- ( And of course the 3-hour K-index is  
> averaged from many reporting stations. I noticed that early FD Saturday,  
> the planetary K-index (Kp) was 3, Boulder was 3, while College Station,  
> Texas was K=5, which is storm levels in that region.  
> Higher latitudes tend to be much noisier  
> and higher signal absorptions than the middle latitudes, below about  
> 45 degrees N latitude.  
>  
> BTW, what is the latitude of Regina, SK?  
> Socorro, NM is 32 deg. North

NN7N (the Soper Hill ARC) operated from Holden Village, EWA section, latitude 48 deg N. We also noticed that things were eerily "quiet" especially on 20m at the beginning of the contest. The S meter hardly came off the peg for any signals, only the strongest were s6 to s9.

I think it got a bit better on Sunday, but we were worried that there was something wrong with our antenna or feedline (though trying other antennas and rigs didn't make a difference.)

72,  
charlie kx7l

--

Charlie Panek  
mailto:charlie\_panek@agilent.com  
Agilent Technologies Inc.  
Everett, Washington

-----  
Date: Thu, 29 Jun 2000 09:57:41 -0600  
From: "Mugleston, Brad" <brad.mugleston@gwl.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [73870] Thanks Astronomy  
Message-ID: <F9645092A142D3118CBD00805F15292E0A0EE44D@eb-mail1.gwl.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I want to thank the 50 or so people that responded to my cry for help. I did the presentation last night to about 70 young women. Monday and Tuesday nights the sky was crystal clear at their 8,000+ foot elevation (it was also below 30 degrees F). Last night it was comfortable and cloud covered.

I ended up talking for about 1 1/2 hours on telescopes and the different types of objects in the sky. There were quite a few questions throughout which helped point the direction as to where to go.

I wanted to thank everyone for all the help and suggestions.

Again, HAM's came to the rescue.

72's

de KI00T, Brad

-----  
Date: Thu, 29 Jun 2000 12:04:32 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <bkassel@dancris.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73871] Re: FD Report - K7RE/M  
Message-ID: <001101bfe1e3\$bafe83c0\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

You just presented the wrong image!!!

See, when you pulled in, you should set out a big box marked "Generator" and right next to it put out boxes marked "10KW AMP". Then when the other people show up you look at them politely and nod and say "You guys let us know if we desense you, ok?"

Then after they pack up and move on you open the boxes and take out the food, and beer, and whatever...

Mike

> K2'ers:

>

> Bob and Bertie Hightower with myself, ran 2 K-2's with the antennas  
> separated by only 50 yards or so. We also decided to use our own  
calls

> at each station, and run them as independent entries. We were forced  
to

> use campgrounds, rather than camping at one of our favorite high spots  
> due to high fire danger warnings forcing those areas to be closed off.

> This meant that every club in the Phoenix valley strove to set up in  
> just a few available campgrounds. I arrived early on Wednesday to  
> "stake out" a campground, but was forced to relocate when about 10-15  
> members of a local group arrived and refused to leave. We decided that  
> harmony, good will etc. was more important than the location. I won't  
> mention the name of that club, but I do understand that their hone is  
> doing well ;).

>

> The new location was indeed quite inferior, as it was located in a  
> valley. They do call this the "Grand Canyon" state you know. Due to  
the

> fire restrictions, we had decided previously to go with the mobile or  
C

> category. Although we have all been out on countless field  
operations,

> we had an amazingly high number of problems. I won't bore you with  
the

> details.

>

> We noticed on Friday that there were at least 2 instances of both  
20M

> and 15M being completely dead for several hours. Not a good sign for  
> the contest the following day.



>  
> Although we had commercial band pass filters with us, they were  
never  
> needed. We carefully operated on different bands, and the filters  
were  
> never needed. Not once during the whole 24 hours did any of us detect  
> any desense, interference or intermod problems. Not a trace. Notta.  
>  
> Conditions on Saturday were pretty miserable. 10 meters, a QRP  
bread  
> and butter band, never opened during the whole contest. Sunday was  
bit  
> better. Coupled with our mobile antennas, and our less-than-prime  
> location our my final QSO total, all CW was 272, all 5W and all  
mobile.  
> I operated for about 14 hours total.  
>  
> Without the mojo, the whole event would have been a loss. It was the  
> only piece of gear that did it's job flawlessly, as always. Not only  
did  
> the K-2 save the contest for me, but probably saved my sanity as  
well;)  
>  
> Next year we all plan to do a few things differently ;)  
>  
> Brian K7RE  
>

-----  
Date: Thu, 29 Jun 2000 10:01:51 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Charles K Brown <n4so@juno.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73872] Re: LDG ELECTRONICS  
Message-ID: <Pine.LNX.4.10.10006291000370.825-1000000@cannac.ampr.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use a LDG 4-1 balun and it works great with my dipole fed with 400 ohm ribbon. It is a real balun too. I checked it.

On Thu, 29 Jun 2000, Charles K Brown wrote:

> OFF TOPIC SUBJECTS--  
> All Off-Topic subjects get immediately hit by the

> Delete key.  
> Update to E-mail and Web page address--  
>  
> LDG Electronics, Inc.  
> QRP Autotuner/AT-11 Autotuner  
> Subject: W6ZH Adapter Balun Box  
>  
> Ladder-line to coax is a 4 to 1 Balun.  
> Adapting ladder line to a coax-only station.  
>  
> Sold by LDG Electronics.  
> BA-1 4:1 Balun Box  
> \$25  
> Some manufactured tuners may have this built in.  
>  
> QST, May 2000, The Doctor Is In, page 46 explains  
> the theory.  
> LDG Electronics  
> 1445 Parran Road  
> St. Leonard, MD 20685  
> Tech Support 410-586-2177  
> ldg@ldgelectronics.com  
> Toll Free Order: 1- 800 890-3003  
> 24 hour Fax 410-586-8475  
> <http://www.ldgelectronics.com>  
>  
>  
>  
>  
>  
>  
>  
-----  
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
> Juno now offers FREE Internet Access!  
> Try it today - there's no risk! For your FREE software, visit:  
> <http://dl.www.juno.com/get/tagj>.  
>  
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Thu, 29 Jun 2000 10:14:47 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>

To: qrp-1@lehigh.edu  
Subject: [73873] Re: Keyer Setup  
Message-ID: <395B2197.131.625AA2@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

In reading the traffic on this subject I thought to myself why not stir up a bit more [g]. The "standard" is definitely dits on the thumb, dahs on the fingers, for both bugs and paddles. But imo it probably OUGHT to be the other way around for paddles.

For a right-handed person, the thumb is stronger, and the fingers have more dexterity. The typical bug requires more force to move and hold the dit lever so it makes sense to do it with the thumb. Dashes are made by hand, so the additional dexterity of the fingers may come into play.

In contrast, the paddle is usually set up to require almost no strength on either side and if anything the dits require more dexterity (i.e. quickness and precision) than the dahs. So you could argue that, ergonomically speaking, the dits should be on the fingers rather than the thumb.

The other argument that I hear often is that if we standardize then it will be easier to use somebody else's equipment. So here are the standards:

Dits on the left, dahs on the right, unless you are left-handed.  
Dits on the tip connection, dahs on the ring, unless the keyer wants it the other way around (which often is the case). Quarter inch or eighth inch stereo plug.

Ok, it's been a long time since I did permutations and combinations, but that still looks like way too many to say there is a standard!

Marshall Emm, N1FN  
Milestone Technologies, Inc.  
(303) 752-3382  
<http://www.mtechnologies.com>

-----

Date: Thu, 29 Jun 2000 12:34:54 -0400  
From: "Richard E. Robinson" <rerobins@email.uncc.edu>  
To: wlfisher@bellatlantic.net  
Cc: qrp-1@lehigh.edu  
Subject: [73874] Re: [Fwd: be mosquito] Thanks  
Message-ID: <v0311070fb58128218b58@[152.15.144.71]>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

wlfisher@bellatlantic.net forwarded this:

>> Here is a good thing for the summer, for those people who like to sit  
>> and enjoy the outdoors, but don't like those pesky mosquitos.  
>> I found it on my gardening forum:

I for one appreciate your forwarding this. I've already located my ideal site for the Bumblebee contest next month and to say that it's "mosquito city" is an understatement. If it didn't have such good antenna and operating possibilities, I'd abandon the idea. I've already been trying to find ways to keep the skeeters at an arm's length. Citronella candles, Avon Skin-So-Soft, and "Off" are on the list. I'm going to try this at home and see how well it works since I'm not too fond of the other 3 options.

>From those of us who occasionally take our rigs into the woods during skeeter season, a big thank you.

For those of you who think this is off topic, take your rig out in the woods some summer weekend and you'll see how much the skeeters appreciate some fresh meat. Then I'm sure you'll agree any ideas for mosquito repellents are greatly appreciated.

72,

Rick kf4ar

-----  
Date: Thu, 29 Jun 2000 11:39:36 -0500  
From: "Morrison, Rick" <rmorrison@trane.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [73875] AGC control on FT-840  
Message-ID: <200006291639.MAA179556@nss4.cc.lehigh.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Does anyone have info on AGC voltage control (to reduce output below 10w) specifically for the Yaesu FT-840? How you did it? Websites?

Thanks, Rick  
kb9tkg@arrl.net

-----  
Date: Thu, 29 Jun 2000 11:44:46 -0500  
From: Mike <mmorrow@companet.net>  
To: cjcara@nail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73876] Re: (OT) May be QRP related  
Message-ID: <395B7CFE.AEA@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Carlos J. Caro wrote:

> The aircraft and SCR-299 also had the BC-312, DC version of the BC-348.

Well, actually...

The BC-312 was a 12 vdc version of the BC-342, so both are very heavy steel-cased GROUND communications radios. Neither the BC-312 nor the BC-342 were airborne radios, and the only real similarity of either to the airborne BC-348 is they are about the same size. The inner designs are quite different too. All BC-348 receivers were 24vdc and light weight due to the use of aluminum.

73,

Mike / KK5F

-----  
Date: Thu, 29 Jun 2000 09:44:09 -0700 (PDT)  
From: Quinn Farnes <quinn\_farnes@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [73877] Feeding an Attick Dipole with Balanced Line OK?  
Message-ID: <20000629164409.7278.qmail@web4101.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Hi All,

I just installed a 40-m dipole in my attick. After trimming it to resonate at 7.040 using my Auttek RF-1 at the feed point several feet off the ground outside in the clear, I hauled it up into the attick, connected the RG58 coax, then threaded that through the ceiling of a closet, through the floor, then along a crawlspace under the house to my operating station. Put a PL-259 on the end and re-checked

the resonance. Now it's about 3:1 SWR on the target frequency, with minimum of 1.6 at 6.82 MHz. I expected some detuning, but not that much.

Questions:

1. Since access to the attick is really a pain, since I'm not 20 anymore, or even 30-anything, could I feed the dipole with 300-ohm balanced line and use a tuner? According to the Antenna Book, multiband operation can be accomplished that way, which indicates that establishing resonance via antenna length alone isn't critical, so can I do that to avoid crawling up there several times to prune that sucker?

2. I'm concerned about snaking a balanced feeder through all that "structure." I gather that balanced lines must be kept away from solid objects, such as the house framing, as much as possible or they will detune and/or radiate.

3. If because of (2) using a balanced line is not advisable, can I estimate how much to trim off using

$468/7.04 \text{ MHz} = 66.5'$

$468/6.82 \text{ MHz} = 68.6'$

then,  $68.6 - 66.5 = 2.1'$

Would I be safe in assuming I can bring the resonance to 7.040 by removing 2.1 feet?

I'd appreciate some wizzardom.

Thanks,

Quinn Farnes (recently awaked from a 10-year slumber by my introduction to QRP!)

WB6TDC (got my call whilst working a summer job in an auto-parts shop!)

=====

end

-----  
Do You Yahoo!?

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<http://mail.yahoo.com/>

-----

Date: Thu, 29 Jun 2000 13:00:39 -0400  
From: John Wagner <john@neknetwork.com>  
To: quinn\_farnes@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73878] Re: Feeding an Attick Dipole with Balanced Line OK?  
Message-ID: <395B80B7.BBF62B91@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My thoughts;

First choice: Use windowed 450 ohm ladder line. Don't worry about structure too much, but if you must cross metal do so at ninety degrees. Use a tuner with a 4:1 balun.

Second choice: Keep the coax and use a tuner. If the coax isn't too long, it won't be that lossy as to make much difference on the air. If you're at QRP levels, you may want to go with the ladder line though.

Third choice: Figure out how much to cut and cut it. Test again. Cut again. Test again, find out you cut too much and then add some. Test. Cut again. I've never put a dipole in my attic, but I did find from doing it outside that you MUST test and tune in the exact spot the antenna will operate. I've since given up on making resonant dipoles and always cut them too long and use a tuner. Less headache and I haven't noticed much in the way of performance differences. For a 40 meter dipole, I use 67' of wire and feed it with enough ladder line to reach my tuner.

Fourth choice: Make a horizontal loop in your attic and feed it with ladder line and use a tuner. Will tune better and possibly perform better. Works great at QRP levels. I'm now a big loop fan.

73,

John, KB1ENS

Quinn Farnes wrote:

>  
> Hi All,  
>  
> I just installed a 40-m dipole in my attic. After trimming  
> it to resonate at 7.040 using my Auttek RF-1 at the feed  
> point several feet off the ground outside in the clear, I  
> hauled it up into the attic, connected the RG58 coax, then  
> threaded that through the ceiling of a closet, through the  
> floor, then along a crawlspace under the house to my

> operating station. Put a PL-259 on the end and re-checked  
> the resonance. Now it's about 3:1 SWR on the target  
> frequency, with minimum of 1.6 at 6.82 MHz. I expected  
> some detuning, but not that much.  
>  
> Questions:  
>  
> 1. Since access to the attick is really a pain, since I'm  
> not 20 anymore, or even 30-anything, could I feed the  
> dipole with 300-ohm balanced line and use a tuner?  
> According to the Antenna Book, multiband operation can be  
> accomplished that way, which indicates that establishing  
> resonance via antenna length alone isn't critical, so can I  
> do that to avoid crawling up there several times to prune  
> that sucker?  
>  
> 2. I'm concerned about snaking a balanced feeder through  
> all that "structure." I gather that balanced lines must be  
> kept away from solid objects, such as the house framing, as  
> much as possible or they will detune and/or radiate.  
>  
> 3. If because of (2) using a balanced line is not  
> advisable, can I estimate how much to trim off using  
>  
>  $468/7.04 \text{ MHz} = 66.5'$   
>  $468/6.82 \text{ MHz} = 68.6'$   
> then,  $68.6 - 66.5 = 2.1'$   
> Would I be safe in assuming I can bring the resonance to  
> 7.040 by removing 2.1 feet?  
>  
> I'd appreciate some wizdom.  
>  
> Thanks,  
>  
> Quinn Farnes (recently awaked from a 10-year slumber by my  
> introduction to QRP!)  
> WB6TDC (got my call whilst working a summer job in an  
> auto-parts shop!)

>  
> =====  
> end  
>  
> -----  
> Do You Yahoo!?  
> Get Yahoo! Mail - Free email you can access from anywhere!  
> <http://mail.yahoo.com/>

--



John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>  
Sign up for PayPal:  
<https://secure.paypal.com/refer/pal=john%40neknetwork.com>

-----  
Date: Thu, 29 Jun 2000 12:57:34 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>  
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [73879] Summer FOX hunt prizes  
Message-ID: <200006291301\_MC2-AA69-CA44@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
                charset=us-ascii  
Content-Disposition: inline

Dear Gang:

As you know, the Summer FOX hunt on 20 Metres begins next Thursday, 6 July 2000. I am really looking forward to this, having gone through "FOX hunt withdrawal" for several years now :-).

My responsibility this year is awards manager. Although we are still working out details, we will for sure give prizes to at least the top FOX and the top hunter. Depending on how many prizes are available, we may give many more to deserving FOXes and hunters.

Today I have written several QRP manufacturers and dealers, soliciting donations of prizes for the FOX hunt. But it may be that some QRP club or some one of YOU might have something you would like to contribute to the cause. Seems to me in earlier years individuals have offered prizes for the winter 40 Metre FOX hunts, so I would like to open this possibility this summer.

If someone would like to contribute a prize, please write me ASAP so we can continue our planning. NOTE: I would like to make an announcement re the FOX hunt prizes before we actually get into the season a week from today.

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

TIA es

-----  
Date: Thu, 29 Jun 2000 10:08:52 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Phil Wheeler <w7ox@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73880] OT: Re: May be QRP related  
Message-ID: <Pine.GSO.4.10.10006291006281.14173-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 28 Jun 2000, Phil Wheeler wrote:

>  
> 25 wpm with a handkey is imprssive; but I have seen folks doing 20 wpm,  
> so it seems doable.  
>

Yep,

As a "High Speed Radio Op" in the Army we had to qualify  
sending 5 letter groups at 25 wpm on a hand key. J-38 if  
I remember right.

And hand keys are much harder to send GOOD CW on than  
most people think! :-)

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

-----  
Date: Thu, 29 Jun 2000 13:17:26 -0400  
From: "Jeff Poulin" <jpoulin@erols.com>  
To: <qrp-1@lehigh.edu>  
Subject: [73881] FS: Triton IV model 540  
Message-ID: <00af01bfe1ed\$e6307f60\$0101a8c0@jpoulin>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi folks: I got the 706MkIIG and it works great. Now I have to help play for it. So here goes.

Ten-Tec Triton IV, model 540 (analog). Cosmetically a 7, electronically a 10. Completely aligned and checked over and dial restrung by Ten-Tec late last year. With instruction book longish power cord suitable for mobile installation and model 215PC (coiled cord) and desk stand. Front panel knob takes it from zip to 100 watts. \$350.00 includes shipping. (I'll regret this one eventually, but what the heck!)

Please respond to me personally. Thanks!!

Jeffrey M. Poulin

-----  
Date: Thu, 29 Jun 2000 13:23:46 -0400  
From: Mike Maiorana <mikemo@attglobal.net>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [73882] Re: Feeding an Attick Dipole with Balanced Line OK?  
Message-ID: <395B8622.2B98305A@attglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Do you have a metal roof? Does your attic insulation have foil on the back side? Is the dipole clear of other objects (not tied to a beam). These things can all effect tuning and swr. I imagine that you would have a tough time getting out if your roof was metal or if you had foil lined insulation (just a guess).

The dipole fed with balanced line is an outstanding multiband antenna (for the price). If you can feed ladder line up to the attic without much contact with metal it should work great. Let us know.

You should talk to Mac, AF4PS, about attic dipoles. His is a great performer. I think he has a nearby black hole that pulls in some extra RF to that antenna ;-)

Mike M. KU4QO

> > Now it's about 3:1 SWR on the target  
> > frequency, with minimum of 1.6 at 6.82 MHz. I expected  
> > some detuning, but not that much.

-----  
Date: Thu, 29 Jun 2000 12:28:01 -0500  
From: Mike <mmorrow@companet.net>  
To: qrp-1@lehigh.edu  
Subject: [73883] Re: QRP Rig Survey  
Message-ID: <395B8721.29BC@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On a per cubic-inch or ounce basis, the DSW is the neatest, cleverest radio design I've ever seen in 35 years of playing radio. On second thought, strike out the volume and weight qualification. My DSW-20 goes with me almost everywhere. I also use the DSW-30 and DSW-40.

I also have two MFJ Cubs, three larger MFJ CW and/or CW/SSB QRP rigs, and one of the first Red Hot NC-20 kits sold last year (which I have not started building because I haven't been able to get any info on the latest PC board and circuit mods that were instituted late last year - might as well build the latest version).

73,

Mike / KK5F

-----  
Date: Thu, 29 Jun 2000 10:27:06 -0700  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateru Radio Discussion <qrp-1@lehigh.edu>  
Subject: [73884] Seeking AG5P  
Message-ID: <395B86EA.CA4C5B77@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone have a better email address for Walter Duffrain? Mine gets returned identified as SPAM :-)

I'm still waiting for my surgery.

-Ed

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

http://www.qsl.net/we6w Santa Rosa, CA  
My 2 pennies worth is just common cents.

-----  
Date: Thu, 29 Jun 2000 12:35:51 -0500  
From: Mike <mmorrow@companet.net>  
To: qrp-l@lehigh.edu  
Subject: [73885] Re: Fun Fone Phonetics  
Message-ID: <395B88F7.808@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm sort of straight-laced when it comes to phonetics. I tend to cringe when I hear all the cute combinations that people use, usually to the detriment of clarity if compared to standard ICAO phonetics.

However, I'll never forget the 2m QSO I had 20 years ago where the other fellow came back with "King Kong's Five Fingers" for my call. Too clever by half, I'd say.

73,  
Mike / KK5F

-----  
Date: Thu, 29 Jun 2000 13:34:01 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: al7fs@qsl.net, CQCLOWDOWN@aol.com, QRP-L@lehigh.edu, njqrp@njqrp.org  
Subject: [73886] [CONTEST] QRP Calendar - July 2000  
Message-ID: <3.0.6.32.20000629133401.0098e410@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,  
Don't forget the reliable ARS Spartan Sprint on the first  
Monday evening of \*EVERY\* month. (0100z-0300z Tue)

72 de Ken - N2CQ

~~~~~  
QRP CONTEST CALENDAR

July 2000

~~~~~  
RAC Canada Day Contest (CW/SSB) ... QRP Category

Jul 1 - 0000z to 2359z

Rules: <http://www.rac.ca/CANDAY.htm>  
~~~~~

Venezuelan Ind. Day Contest (SSB)

Jul 1 - 0000Z to Jul 2 - 2400Z

Rules: <http://home.sol.no/~jana1me/htmlrules/yvdx.html>  
~~~~~

Original QRP Contest (CW) ... QRP Contest!

Jul 1 - 1500z to Jul 2 - 1500z

Rules: <http://home.sol.no/~jana1me/htmlrules/original.html>  
~~~~~

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jul 4 - 0100z to 0300z

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)  
~~~~~

MI QRP Fourth of July Sprint (CW) ... QRP Contest!

Jul 4 - 2300z to Jul 5 - 0300z

Rules: <http://www.tir.com/~n8cqa/rules2000.htm>  
~~~~~

IARU HF World Championship (CW/SSB)

Jul 8 - 1200z to Jul 9 - 1200z

Rules: <http://www.arrl.org/contests/announcements/rules-iaru.html>  
~~~~~

QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 9 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/sumhom.htm>

~~~~~  
Milliwatt Triple Crown - Final leg (CW) QRP Contest!

Jul 14 - 2300z to Jul 15 - 0600z

Jul 15 - 2300z to Jul 16 - 0600z

Jul 16 - 2300z to Jul 17 - 0600z

Rules: <http://www.madisoncounty.net/~kj5tf/mwtest.html>

~~~~~  
SEANET Contest (CW)

Jul 15 - 0000z to 16 - 2400z

Rules: <http://home.sol.no/~janalme/rules/seanet.txt>

~~~~~  
Pacific 160m Contest (CW/SSB)

Jul 15 - 0700Z to 2300Z

Rules: <http://www.sk3bg.se/contest/pac160mc.htm>

~~~~~  
AGCW-DL QRP Summer Contest (CW) ... QRP Contest!

Jul 15 - 1500z to Jul 16 - 1500z

Rules: <http://home.sol.no/~janalme/rules/agcwdl.txt>

~~~~~  
North American QSO Party (RTTY)

Jul 15 - 1800Z to Jul 16 - 0600Z

Rules: <http://home.sol.no/~janalme/htmlrules/naqprtty.html>

~~~~~  
Colombian Independence Day Contest (CW/SSB/RTTY)

Jul 16 - 0000Z to 2400Z

Rules: <http://www.sk3bg.se/contest/colindc.htm>  
~~~~~

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 16 - 0900z to 1200z

Jul 16 - 1300z to 1600z

Rules: <http://home.sol.no/~janalme/rules/rsgblpfd.txt>  
~~~~~

Great Colorado Gold Rush (CW) ... QRP Contest!

Jul 16 - 2000z to 2200z

Rules: <http://home.sol.no/~janalme/htmlrules/co-gold.html>  
~~~~~

Georgia QSO Party (CW/SSB) ... QRP Category

Jul 22 - 1800z to Jul 23 - 0359z

Jul 23 - 1400z to Jul 23 - 2359z

Rules: <http://secc.contesting.com/GaQsoParty.htm>  
~~~~~

Flight of the Bumblebees (CW) ... QRP Contest!

Jul 30 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)  
~~~~~

72 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

== QRP CONTEST CALENDAR ==

<http://www.njqrp.org/data/contesting.html>



-----  
Date: Thu, 29 Jun 2000 10:47:40 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73887] Re: Keyer Setup  
Message-ID: <Pine.GS0.4.10.10006291044370.16559-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dits with the thumb  
Dahs with the index finger

I put a DPDT switch in my paddle leads so that I can flip  
the switch to change to suit the keyer or operator.

Much easier than worrying about one or the other not being  
"standard" or "right" and etc! :-)

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....  
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....  
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

-----  
Date: Thu, 29 Jun 2000 10:48:49 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: mmorrow@companet.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73888] Re: QRP Rig Survey  
Message-ID: <395B8C01.AAAC9C05@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike wrote:

>

> On a per cubic-inch or ounce basis, the DSW is the neatest, cleverest  
> radio design I've ever seen in 35 years of playing radio. On second  
> thought, strike out the volume and weight qualification. My DSW-20 goes  
> with me almost everywhere. I also use the DSW-30 and DSW-40.  
>

I like my DSW-20 a lot. I do wish it were a bit more selective (e.g.,  
like the SST) for crowded band conditions and that the slower tuning  
rate were even slower. But it is a dynamite and innovative radio.

Phil

-----  
Date: Thu, 29 Jun 2000 13:59:02 -0400  
From: Bill Coleman AA4LR <aa4lr@radio.org>  
To: <resmith666@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [73889] Re: rich man's hobby  
Message-ID: <1000529135902.NAA06238@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 6/29/00 11:41 AM, Ron Smith at resmith666@uswest.net wrote:

>And to ME -- that guy making \$50,000 is RICH!!! He also gets pay raises!!!!  
>He also, at this very second, makes 5 times more than \*I\* do and I don't get  
>the pay raises he does!!

He also has to WORK, which interferes with a lot of ham radio fun....

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@radio.org  
Quote: "Boot, you transistorized tormentor! Boot!"  
      -- Archibald Asparagus, VeggieTales

-----  
Date: Thu, 29 Jun 2000 14:03:47 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [73890] antenna infr archives(plus more)  
Message-ID: <6e.aac1d6.268ce983@aol.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I would like to remind you folks about the great collection of antenna notes  
at:  
<http://www.qsl.net/~wd8rif/archives.htm>

alan kv7mbi

-----  
Date: Thu, 29 Jun 2000 12:14:05 -0600  
From: "Jess Gypin" <jessqrp@uswest.net>  
To: <REDSBOY@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73891] Re: Net courtesy and OT  
Message-ID: <005901bfe1f5\$d04fefc0\$0100a8c0@jess>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Camping and QRP go hand in hand. The mosquito repellent post was no more off  
topic than how to build an LED flashlight or camping operating table. Chill  
out or check out.  
MAN!! Will you all just lighten up?!?!?!?!

Jess

----- Original Message -----

From: <REDSBOY@aol.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, June 29, 2000 9:06 AM  
Subject: Net courtesy and OT

> PLEASE - I can tolerate (even overlook) some of the "OT" stuff that is  
> appearing regularly on this List. And yes, I do know how to use my  
"delete"  
> key, BUT FOLKS, Funny Fone Fonetics (Yes, I know how to spell it!), Funny  
> Call Signs, and NOW mosquito repellents are just plain out to lunch for a  
QRP  
> List. We seem to be getting further and farther afield and away from our  
> central theme.  
>  
> My mail box gets full of junk quickly enough. Have pity, Please! If you  
> really enjoy junk mail, and forwarding it, please do it on some other  
list.  
>

> Please send all flames to me directly. There is no need to stuff  
everyone's  
> mailbox with mail directed expressly to me.  
>  
> Karl - W4UTI  
>

-----  
Date: Thu, 29 Jun 2000 13:31:13 -0500  
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [73892] Re: Kids - Potential Hams /Marketing Amateur Radio  
Message-ID: <395B95F1.BA97EEA7@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes, I think you are onto something. My interest in amateur radio  
was also sparked by the fascination of CW, even though I've  
never felt like I am any good at it. I'm beginning to realize that  
we teach/study it wrong.

Digital was fascinating to kids ten years ago. Now they've all  
seen and played with the Internet and RF digital just looks  
slow and dull to them. But sending and receiving messages  
with a key and headphones still looks exotic and interesting.  
Spark it up with some shiny mechanics like a chrome bug  
and a glowbug transmitter, and you'll surely attract a few.

As for teaching the code, we don't emphasize sound enough.  
It should be approached with NO visual cues, NO code charts,  
and NO copying letters onto paper. Just as we now know  
languages should be taught, code should be taught in a  
language lab type setting, by sound and response only.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>  
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg  
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

-----  
Date: Thu, 29 Jun 2000 11:38:50 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ku7y@dri.edu

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73893] Re: Keyer Setup  
Message-ID: <395B97BA.7D87BB3F@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

>  
> Dits with the thumb  
> Dahs with the index finger  
>  
> I put a DPDT switch in my paddle leads so that I can flip  
> the switch to change to suit the keyer or operator.  
>

Hmmmm .. most or all of my keyers have a reverse option.

Phil

-----  
Date: Thu, 29 Jun 2000 19:51:57 +0100  
From: "M0CQG" <m0cqg@dial.pipex.com>  
To: <k4ahk@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73894] Re: QRP Rig Survey  
Message-ID: <003d01bfe1fb\$1a93d4c0\$140abc3e@UKsolsf56>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Yaesu FT-890 & FT-980  
Kenwood TS-950SD & TS-680S  
Heathkit SB102  
Oh... and a little DSW-30.

Guess which one gets the most use!!

72

Mike  
M0CQG

-----  
Date: Thu, 29 Jun 2000 12:53:36 -0600 (MDT)  
From: af852@rgfn.epcc.edu (William R Colbert)  
To: qrp-l@lehigh.edu, gqrp@egroups.com, glowbugs@piobaire.mines.uidaho.edu, ham-radio-history@egroups.com  
Subject: [73895] [memberlist@p1k.arrl.org: ARLX010 Antenna Designer Louis Varney, G5RV, SK]  
Message-ID: <200006291853.MAA08182@rgfn.epcc.edu>

===== Begin forwarded message =====

From: memberlist@p1k.arrl.org ("ARRL Members Only Web site")  
Cc: recipient list not shown: ;  
Subject: ARLX010 Antenna Designer Louis Varney, G5RV, SK  
Date: Thu, 29 Jun 2000 12:21:17 EDT

SB SPCL @ ARL \$ARLX010  
ARLX010 Antenna Designer Louis Varney, G5RV, SK

ZCZC AX10  
QST de W1AW  
Special Bulletin 10 ARLX010  
From ARRL Headquarters  
Newington CT June 29, 2000  
To all radio amateurs

SB SPCL ARL ARLX010  
ARLX010 Antenna Designer Louis Varney, G5RV, SK

Louis Varney, G5RV, who invented the world-famous G5RV antenna, died June 28. He was 89.

The G5RV multiband wire antenna for HF is among the most popular of all antenna designs. Varney first described the G5RV in the November 1966 issue of the RSGB Bulletin. He employed a full-size and a double-size G5RV, both fed with open-wire feeders, at his own station.

Varney remained an active radio amateur until very recently and kept regular on-the-air schedules. He was an RSGB member for 74 years and served as life president of the Mid-Sussex Amateur Radio Society.

His wife Nelida is among his survivors. Services are set for July 4

in Brighton, England.

NNNN

/EX

--

"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
El Paso, (FAR WEST) TEXAS

-----  
Date: Thu, 29 Jun 2000 12:06:31 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [73896] Re: Keyer Setup  
Message-ID: <014301bfe1fd\$23aa44c0\$12424cd1@k6qq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> I put a DPDT switch in my paddle leads so that I can flip  
> the switch to change to suit the keyer or operator.

You can do it from the front panel on a K2 ;-)

72,

John, K6QQ

-----  
Date: Thu, 29 Jun 2000 15:06:30 EDT  
From: AC5JH@aol.com  
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)  
Subject: [73897] Re: [Fwd: be mosquito] Thanks  
Message-ID: <e1.660e693.268cf836@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi All,

I agree with Rick KF4AR, for many QRPer's this really isn't that far off topic. Using detergent such as Ivory Liq or the Lemon stuff will repell sketers fairly well. Another way to use it ( this may be good if your field sight is not too far away) is to fill a garden sprayer with water and the liquid soap, spray this around the area the day before and again the day you plan to operate and it will really help keep the sketers from carrying you off. Try it at home and see what you think. Some parts of the country may have stronger willed critters then other so no garentees. I originally got this tip from a "Bug Man" at LSU. They grow some right mean sketters down in them swamps.

72

Tom Waits

AC5JH

-----  
Date: Thu, 29 Jun 2000 15:12:43 -0400  
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73898] Re: rich man's hobby  
Message-ID: <019101bfe1fe\$01c20ae0\$8c01b3d8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>He also has to WORK, which interferes with a lot of ham radio fun....

Which TOTALLY misses the point of this already OFF-TOPIC thread !

C'mon, let's give this one up !

K2JQ

-----  
Date: Thu, 29 Jun 2000 12:14:42 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: AC5JH@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73899] Re: [Fwd: be mosquito] Thanks  
Message-ID: <395BA022.7AA8B195@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit



Someone told me that Bounce sheets (for dryer) will repel Mosquitos:  
Have not tried it, though.

Phil

AC5JH@aol.com wrote:

>  
> Hi All,  
>  
> I agree with Rick KF4AR, for many QRPer's this really isn't that far off  
> topic. Using detergent such as Ivory Liq or the Lemon stuff will repel  
> sketers fairly well. Another way to use it ( this may be good if your field  
> sight is not too far away) is to fill a garden sprayer with water and the  
> liquid soap, spray this around the area the day before and again the day you  
> plan to operate and it will really help keep the sketers from carrying you  
> off. Try it at home and see what you think. Some parts of the country may  
> have stronger willed critters then other so no garentees. I originally got  
> this tip from a "Bug Man" at LSU. They grow some right mean sketters down in  
> them swamps.  
> 72  
> Tom Waits  
> AC5JH

-----  
Date: Thu, 29 Jun 2000 14:10:54 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [73900] Micromountaineer Thoughts  
Message-ID: <003c01bfe1fd\$c0a6de00\$16a854d1@locke>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I was so eager to build Wes Hayward's Micromountaineer that I decided to build a forty meter version while waiting for the ten meter parts and board to arrive from Kanga US. I've had very little experience building "ugly" so decided this would be a good project for it, since it's Wes' preferred method of construction.

I had no problems and the little rig works exactly as claimed. Mine puts out about .7 watt when fed with 12.8 volts from a battery but I'll probably adjust it down to 1/2 watt.

At first I tried omitting the RF gain control but when I first powered it up, I was about deafened by the loud audio (FD going on). I took the

headphones off of my head and tried listening that way but my daughter came in from the living room and complained that the noise was bothering the dog! The headphones survived though. :-)

This was the biggest thing I've done using point-to-point wiring and I'm determined to quit being so concerned about neatness and start using it more. It has the advantage of being fast, easy to repair and modify, easy to troubleshoot, and you don't have to be concerned about physical dimensions of parts. Plus, of course, building over a groundplane has its advantages.

If you're unfamiliar with the project, it's from July, 2000 QST and it's titled "The Micromountaineer Revisited" by Wes Hayward, W7ZOI and Terry White, K7TAU. Kanga US is selling boards and parts for the ten meter version ( <http://www.bright.net/~kanga/kanga/> ).

Also, on his web page Wes discusses his reasoning in selecting 2N3904's for the output transistors and why he designed the rig for 1/2 watt output. Plus some other useful information. ( <http://www.teleport.com/~w7zoi/mtnr.html> ).

If you're looking for a simple project, I'd highly recommend this one. And, if like me, you have very little experience building ugly, I'd highly recommend that too. You can find more information about that on Wes' webpage also.

Denny Payton, N9JXY  
Auburn, IN

-----  
Date: Thu, 29 Jun 2000 12:20:17 -0700  
From: Eric Swartz WA6HHQ - Elecraft <[eric@elecraft.com](mailto:eric@elecraft.com)>  
To: QRP-L <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [73901] OT: qth.net email server down [elecraft]  
Message-ID: <395BA171.1E785BF9@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The server at qth.net, which serves the Elecraft email list, is temporarily down. We have contacted Al, K3TKJ, at qth.net to alert him to the problem. Hopefully it will be back up later today.

(I'm posting to QRP-L since a large number of qrp-l users also use our list and others hosted at qth.net.)

73, Eric WA6HHQ

--

<http://www.elecrafft.com>

-----  
Date: Thu, 29 Jun 2000 15:26:09 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [73902] Propagation Charts?  
Message-ID: <ba.77a47df.268cfcd1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I am not sure how many of you got to see/use the propagation charts by Jerry Hall K1TD. But Jerry after a request modified his graphs to have both 1500 w and 1 watt curves.

His charts evolved into a chart-graph that included expected signal strengths and a signal to noise ratio. This was done for the 1500 and 1 watt levels. It was amazingly accurate.

You were able to click on your approximate local and the location of the area you were interested adn the chart-graph was generated.

Jerry decided to retire from keeping up the site (somewhat driven by LIDS hasseling him). I was wondering if anyone has found a site equivalent to this??

Alan KB7MBI

-----  
Date: Thu Jun 29 15:31:23 2000  
From: Shephed@aol.com  
To: <qrp-l@lehigh.edu>, <fpqrp@egroups.com>  
Subject: [73903] OT: Louis Varney, G5RV SK  
Message-ID: <200006291931.PAA188630@nss4.cc.lehigh.edu>  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Sorry for the OT message, but it's important.

SB SPCL @ ARL \$ARLX010  
ARLX010 Antenna Designer Louis Varney, G5RV, SK

ZCZC AX10  
QST de W1AW  
Special Bulletin 10 ARLX010  
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His wife Nelida is among his survivors. Services are set for July 4 in Brighton, England.

NNNN  
/EX

-----  
Date: Thu, 29 Jun 2000 15:33:56 EDT  
From: NA1XX@aol.com  
To: qrp-l@lehigh.edu  
Subject: [73904] Latin Motto QRP  
Message-ID: <6d.5df3ba9.268cfea4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I've been studying and teaching Latin for the past 33 years. Maybe Nils would have a more creative slant on it, or Fr. John a more inspirational one, but I think "Less Power, More Fun" might best go as:

Vi Minore, Plus Gaudium

I like the Tee Shirt idea too!

72 (or as the Romans say, LXXII)

Mike NA1XX  
North Weymouth MA  
QRP-L #1588  
"When All Else Fails ... CW"

-----  
Date: Thu, 29 Jun 2000 15:44:42 -0400  
From: Joseph Trombino Jr <joebarb@wilmington.net>  
To: QRP-L@LEHIGH.EDU  
Subject: [73905] F.S. Coax switches  
Message-ID: <3.0.6.32.20000629154442.0092aec0@wilmington.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

-----snip-----

I have one MFJ-1704 4 position coax switch left...the others are spoken for.

Thanks and 73, Joe W2KJ

-----snip-----

Hello Fellow QRP'ers:

I have the following coax switches for sale that are excess to my needs.

MFJ-1704 four position coax switch...MFJ price...64.95...will ship for \$45.

I have two each of these units...excellent to almost new condition and tested and checked out.

Daiwa CS-201 two position coax switch...Daiwa price...\$29.95..will ship for \$20. I have two each of these units....they are new in the pack. I removed them from the pack, tested and checked them out (perfect) and re-packed them.

All of the above have the SO-239 female connectors that mate up with the PL-259 male connectors.

-----  
Date: Thu, 29 Jun 2000 13:43:12 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: jnewburry@hotmail.com  
Subject: [73906] Re: hammarlund trade?  
Message-ID: <395BA6D0.116AB977@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Jimmie - since you already have an excellent receiver,  
maybe you could put together a little transmitter either tube  
or solidstate for one or two bands and a diode tr switch  
for switching the antenna - or you could use most any type  
of manual switching arrangement. Most if not all of the parts  
would probably be available locally in the form of a broken cb,  
table radio or old tv.

73  
Ray

--  
"The more I see of the representatives of the people, the more I  
admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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-----

-----  
Date: Thu, 29 Jun 2000 12:52:39 -0700  
From: Norm Melick <henmel@worldnet.att.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [73907] Re: Net courtesy and OT  
Message-ID: <395BA907.BB5BDDCD@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRP and low power operations go hand in hand.

> The mosquito repellent post was no more off topic than how to build an  
> LED flashlight or camping operating table.

They were all off topic.

> Chill out or check out.

Who the h#/#l are you to tell anyone on this list to check  
out? We already lost Chuck Adams because of your "Chill out  
or check out", BS.

> MAN!! Will you all just lighten up?!?!?!?!?

Right after you leave the list.

-----  
Date: Thu, 29 Jun 2000 15:53:29 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [73908] Multi-band dipole/doublet  
Message-ID: <f7.68cd92.268d0339@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Is there any advantage fo a multiband dipole (several dipoles fed  
together-80,40,20,15 M) over just installing a DOUBLET? Both openline fed--

It appears that maybe that the former may not need a tuner

alan kb7mbi

-----  
Date: Thu, 29 Jun 2000 16:05:32 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [73909] Re: Net courtesy and OT  
Message-ID: <00f101bfe205\$6879f480\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wait a minute!!!

You told me "I" was the reason Chuck left the list!

I'm crushed!!

Mike

----- Original Message -----

From: Norm Melick <henmel@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Thursday, June 29, 2000 3:52 PM

Subject: Re: Net courtesy and OT

> QRP and low power operations go hand in hand.

>

> > The mosquito repellent post was no more off topic than how to build an

> > LED flashlight or camping operating table.

>

> They were all off topic.

>

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> Who the h##l are you to tell anyone on this list to check

> out? We already lost Chuck Adams because of your "Chill out

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>

> > MAN!! Will you all just lighten up?!?!?!?!?

>

> Right after you leave the list.

>

-----  
Date: Thu, 29 Jun 2000 13:12:52 -0700 (PDT)

From: Curt Milton <wb8yyy@yahoo.com>

To: ARDUJENSKI@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [73910] Re: Multi-band dipole/doublet

Message-ID: <20000629201252.21938.qmail@web2002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Actually there are at least two questions here, maybe more!

in terms of VSWR - either the big doublet, or the



multiband dipoles with the common feed should load up with a tuner.

i have to think about the case of using high Z balanced line into a resonant antenna. even going thru a balun, because the line is NOT matched to the feedpoint of the antenna, a tuner is required to remedy the situation.

the second question is pattern. a dipole produces a nice lobe in each direction broadside to the wire WHEN it is approx. one half wavelength long. when the long dipole cut for say 80m is used at the higher frequencies it will have many lobes - peaks and nulls in the antenna pattern. the higher you go in frequency, the more lobes. thus the antenna can appear to have gain or loss depending upon direction - when referenced to an ideal size dipole for the given frequency. here is where it might be nice to have more than one dipole! LB Cebik had an article in QST a few months ago on making a rotatable dipole for 17m fed with ladder line - and thus using the same antenna also on 15 and 12 m where the pattern stays roughly the same. of course you will need a tuner on all three bands to properly match the antenna to your rig.

now what happens if you put a 17m and a 80m dipole on the same open wire feed? this one i don't have a clear answer for! if you fed it with coax, the big one would work on 80m and the little one on 17m THAT IS as long as the big one does NOT resonate also on 17m ! this trick is sometimes used, say to feed 80 and 40 m dipoles from a common coax - and it does work in practice with a little tuning sometimes required of the wires. but when this is done with ladder line the situation is more complex - and I am guessing you probably will not get any benefit from paralleling wires. but i will not state this last point with much certainty!

Curt WB8YYY

--- ARDUJENSKI@aol.com wrote:

> Is there any advantage fo a multiband dipole  
> (several dipoles fed  
> together-80,40,20,15 M) over just installing a  
> DOUBLET? Both openline fed--  
>

> It appears that maybe that the former may not need a  
> tuner  
>  
> alan kb7mbi

-----  
Do You Yahoo!?  
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<http://mail.yahoo.com/>  
-----

Date: Thu, 29 Jun 2000 13:14:20 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: henmel@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73911] Re: Net courtesy and OT  
Message-ID: <395BAE1C.83EE9BC3@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Norm Melick wrote:

>  
> QRP and low power operations go hand in hand.  
>  
> > The mosquito repellent post was no more off topic than how to build an  
> > LED flashlight or camping operating table.  
>  
> They were all off topic.  
>

Re the mosquito repellent, you are exactly \*wrong\*. But perhaps you do not use QRP in the field in the mosquito season. If you cannot deter them, you will not be on the air long, if not in a cabin.

Is is QRP? Well, not many of us who dare the mosquitos in the mountains run even 5 watts (batteries, you know). But maybe you have not had this experience.

So I put the mosquito issue right up there with small keys, solar cells, smallll rigs, etc. as very necessary for field ops this time of year (I was eaten alive last week).

So please tell us, Norm: What is your list of approved topics for

qrp-l? By all means be precise and complete so we can tailor our posts to your specifications.

Phil

-----  
Date: Thu, 29 Jun 2000 13:17:00 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [73912] Melick & Yetsko Filters  
Message-ID: <395BAEBB.D1650943@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I just created two new e-mail filters. I'm sure there will be more to come.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
-----

-----  
Date: Thu, 29 Jun 2000 13:16:29 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: ARDUJENSKI@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [73913] Re: Multi-band dipole/doublet  
Message-ID: <395BAE9D.35BD97B@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

ARDUJENSKI@aol.com wrote:

>  
> Is there any advantage fo a multiband dipole (several dipoles fed  
> together-80,40,20,15 M) over just installing a DOUBLET? Both openline fed--  
>  
> It appears that maybe that the former may not need a tuner  
>

That is the advantage.

Phil

-----  
Date: Thu, 29 Jun 2000 14:18:40 -0600  
From: Ray Colbert <af852@rgfn.epcc.edu>  
To: ARDUJENSKI@aol.com  
Subject: [73914] Re: Multi-band dipole/doublet  
Message-ID: <395BAF20.918EEBCC@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The only one I found that worked was the Hy-Gain 5bdq trap dipole which was a fan type doublet (dipole-doublet synonymous) and since I was using at that time a rig with a pi-net tube final, a tuner was not really necessary. However with the limited swr range of some of the solid state radios, a tuner might be required - I think the swr was in the 2:1 area, maybe a bit higher or lower, depending on the band and section of the band. Good antenna tho. But then you also have more than two wires to tie off with the multi wire dipole where with the CFD, two ends to tie off, requires a tuner, but also gives a bit of gain at the higher freqs. And I think on the multi-wire dipole, the resonant dipoles negate any gain that could have been generated by the longer wire. I have used both and ease of installation and operation tells me the centerfed, single wire dipole.

73

Ray

--

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850  
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78  
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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Date: Thu, 29 Jun 2000 16:25:11 -0400  
From: "Charles Mabbott" <crmabbott@mediaone.net>  
To: <qrp-1@Lehigh.EDU>  
Cc: <ad8i@arrl.net>

Subject: [73915] PROLOG 2K? --- logging software question  
Message-ID: <000901bfe208\$20f36120\$0201a8c0@mw.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am submitting this question on behalf of Dan AD8I  
there are a couple of questions he has about this  
logging program.

1. Can it sort by, State, zone, such as WAS or WAZ  
tracking?
2. Is is similar in operation to other windows type  
programs?

There are some other questions he has, but it would be  
better to give your comments and what you think of  
using the software directly to him

ad8i@arrl.net

Thanks in advance,  
73,  
Chuck AA8VS

-----  
Date: Thu, 29 Jun 2000 16:42:17 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <henmel@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [73916] Re: Net courtesy and OT  
Message-ID: <027b01bfe20a\$89b42c60\$2101a8c0@insydesw.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

First off, I wish the list would accept this appology for my last  
post. No, it wasn't supressed, or obscene, or even nasty, but  
it did carry an 'undercurrent' of something that shouldn't have  
been posted. And even though I disagree with Norm, my post  
was uncalled for.

However, I DO think too many people are taking things too  
seriously on the list. I hope we ALL just 'lighten up' a bit. This

is too quickly turning into a bar fight with guns situation. Is it changing attitudes? Stress? Geesh, years ago people got in arguments and guns either stayed in the holsters or they were intentionally taken off. Now it seems that for even much lighter transgressions people go looking for the guns!

Mike

-----  
Date: Thu, 29 Jun 2000 14:10:42 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [73917] NorCal's July Meeting  
Message-ID: <2.2.32.20000629211042.01197540@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

The Upcoming July Meeting

-----  
QRPers, the July meeting of the NorCal QRP Club will be held as usual Sunday July 2nd at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or

so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,  
Doug, KI6DS

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End of QRP-L Digest 1867

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